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Model	Price ₹	Specification	Appearance / Dimension
Induction Motors			GGM BTH
Induction Motor (Single Phase 220/230VAC 50/60Hz (Pinion Shaft))			
K6IG6NC	5830.00	6 Watt, Flange 60mm, Pinion Shaft, Motor Length 75mm	 6 watt 60mm  15 watt 70mm  25 watt 80mm  40 watt 90mm
K7IG15NC	5910.00	15 Watt, Flange 70mm, Pinion Shaft, Motor Length 80mm	
K8IG25NC	6495.00	25 Watt, Flange 80mm, Pinion Shaft, Motor Length 86mm	
K9IG40NC	7845.00	40 Watt, Flange 90mm, Pinion Shaft, Motor Length 105mm	
K9IP60FC	9425.00	60 Watt, Flange 90mm, Pinion Powerful Shaft, Motor Length 121mm, With fan	
K9IP90FC	11210.00	90 Watt, Flange 90mm, Pinion Powerful Shaft, Motor Length 137mm, With fan	
K9IP120FC	16550.00	120 Watt, Flange 90mm, Pinion Powerful Shaft, Motor Length 155mm, With fan	
K9IP180FC	17530.00	180 Watt, Flange 90mm, Pinion Powerful Shaft, Motor Length 155mm, With fan	
Single Phase Induction motors are designed to be used in a single direction, continuous rating , they are provided with condenser. Built-in thermal protector , The direction of motor rotation is as viewed from the front shaft end of the motor. Please check Gear head shaft dia and length for Pinion shaft. Change the direction of motor rotation only after the motor stops completely. If an attempt is made to change the direction of rotation while the motor is running, the motor may ignore the reversing command or change its direction of rotation after some delay. Thus, stop the motor first and change the rotation direction next. In case you do not, the motor can be damaged.			
Reversible Motor (Single Phase 220/230VAC 50/60Hz (Pinion Shaft))			
K6RG6NC	6110.00	6 Watt, Flange 60mm, Pinion Shaft, Motor Length 75mm	 90 watt 90mm  120 watt 90mm
K7RG15NC	6290.00	15 Watt, Flange 70mm, Pinion Shaft, Motor Length 80mm	
K8RG25NC	6930.00	25 Watt, Flange 80mm, Pinion Shaft, Motor Length 85mm	
K9RG40NC	8290.00	40 Watt, Flange 90mm, Pinion Shaft, Motor Length 105mm	
K9RP60FC	9900.00	60 Watt, Flange 90mm, Pinion Powerful Shaft, Motor Length 120mm, With fan	
K9RP90FC	11860.00	90 Watt, Flange 90mm, Pinion Powerful Shaft, Motor Length 135mm, With fan	
K9RP120FC	17190.00	120 Watt, Flange 90mm, Pinion Powerful Shaft, Motor Length 155mm, With fan	
K9RP180FC	18190.00	180 Watt, Flange 90mm, Pinion Powerful Shaft, Motor Length 155mm, With fan	
Reversible Motor (Single Phase 100VAC 50/60Hz (Pinion Shaft))			
K8RG25NJ	6930.00	25 Watt, Flange 80mm, Pinion Shaft, Motor Length 85mm	 180 watt 90mm  180 watt 90mm
K9RG40NJ	8290.00	40 Watt, Flange 90mm, Pinion Shaft, Motor Length 105mm	
K9RG90FJ	11860.00	90 Watt, Flange 90mm, Pinion Powerful Shaft, Motor Length 135mm, With fan	
Reversible Motors are suitable for such operations that change the rotational direction frequently from normal to reverse, and vice versa, because a temporary brake is inserted inside the motor to facilitate the reverse rotation it applies frictional load to improve the frequent reversal operation, reduce overrun, provide a little holding torque. Operate in rotational direction from normal - stop - to reverse. It is provided with condenser. It is an intermittent rating (30 minutes). Built-in thermal protector.			

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Model	Price ₹	Specification	Appearance / Dimension
Speed Control Motors SU Series (Pinion Shaft)			GGM BTH 
(Unit Type) at 230VAC 50Hz 90~1400 RPM			
K6IG6NC-SU	7800.00	6Watt , Flange 60mm, Pinion Shaft Motor Length 85mm	 
K7IG15NC-SU	8450.00	15Watt , Flange 70mm, Pinion Shaft Motor Length 90mm	
K8IG25NC-SU	8490.00	25Watt , Flange 80mm, Pinion Shaft Motor Length 95mm	
K9IG40NC-SU	10190.00	40Watt , Flange 90mm, Pinion Shaft Motor Length 115mm	
K9IP60FC-SU	13300.00	60Watt , Flange 90mm, Pinion Powerful Shaft , Motor Length 160mm, with Fan	
K9IP90FC-SU	15500.00	90Watt , Flange 90mm, Pinion Powerful Shaft , Motor Length 175mm, with Fan	
K9IP120FC-SU	20850.00	120Watt , Flange 90mm, Pinion Powerful Shaft , Motor Length 195mm, with Fan	
K9IP180FC-SU	30700.00	180Watt , Flange 90mm, Pinion Powerful Shaft , Motor Length 195mm, with Fan	
Speed Control Motor are built in tacho generator for feed back. By using it with speed controller, a wide range of speed can be controlled (50Hz : 90~1400RPM). Provided with connector to connect directly into Speed Control Unit Model GUA-C, for easy connection. Cable length 250mm. Single direction, continuous rating. Built-in thermal protector.			


Brake Motor (Electromagnetic) Single Phase 220/230VAC 50/60Hz (Pinion Shaft)			
K6RG6NC-B	13560.00	6Watt , Flange 60mm, Pinion Shaft , Motor Length 115mm	 
K7RG15NC-B	15900.00	15Watt , Flange 70mm, Pinion Shaft , Motor Length 120mm	
K8RG25NC-B	16100.00	25Watt , Flange 80mm, Pinion Shaft , Motor Length 130mm	
K9RG40NC-B	21290.00	40Watt , Flange 90mm, Pinion Shaft , Motor Length 145mm	
K9RP60FC-B	23590.00	60Watt , Flange 90mm, Pinion Powerful Shaft , Length 164mm with Fan	
K9RP90FC-B	26790.00	90Watt , Flange 90mm, Pinion Powerful Shaft , Length 180mm with Fan	
K9RP180FC-B	32330.00	180Watt , Flange 90mm, Pinion Powerful Shaft , Length 196mm with Fan	
The electromagnetic brake of AC non-excitation run type is mounted at the back of the motor to enable the motor to stop at the same time when the power is turned off, and the load is maintained as same as before. This electromagnetic brake of AC non-excitation run type connected directly to the motor. When the power source is turned off, the motor stops instantaneously and the load is maintained. The retention force is 2 kgf-cm ~ 10kgf-cm. This type of brake is best suited if a safer brake is required when the power is turned off, because the retention force is maintained when the power turns off.			



Induction Motor Three Phase 230VAC 50/60Hz (Pinion Shaft)			GGM BTH 
K8IG25NH	6730.00	25Watt , Flange 80mm, Pinion Shaft , Motor Length 86mm	 
K9IG40NH	8190.00	40Watt , Flange 90mm, Pinion Shaft , Motor Length 105mm	
K9IP60FH	9830.00	40Watt , Flange 90mm, Pinion Powerful Shaft , Length 121mm with Fan	
K9IP90FH	11760.00	90Watt , Flange 90mm, Pinion Powerful Shaft , Length 137mm with Fan	
K9IP150FH	17870.00	150Watt , Flange 90mm, Pinion Powerful Shaft , Length 155mm with Fan	
K9IP200FH	19300.00	200Watt , Flange 90mm, Pinion Powerful Shaft , Length 155mm with Fan	
Induction Motor Three Phase 440VAC 50/60Hz (Pinion Shaft)			
K8IG25NZ	6730.00	25Watt , Flange 80mm, Pinion Shaft , Motor Length 85mm	 
K9IG40NZ	8190.00	40Watt , Flange 90mm, Pinion Shaft , Motor Length 105mm	
K9IP60FZ	9830.00	60Watt , Flange 90mm, Pinion Powerful Shaft , Length 121mm with Fan	
K9IP90FZ	11760.00	90Watt , Flange 90mm, Pinion Powerful Shaft , Length 137mm with Fan	
K9IP150FZ	17870.00	150Watt , Flange 90mm, Pinion Powerful Shaft , Length 155mm with Fan	
K9IP200FZ	19300.00	200Watt , Flange 90mm, Pinion Powerful Shaft , Length 155mm with Fan	
Three Phase Induction Motor has higher efficiency and reliability because it can be driven by a three phase power source directly, single direction, continuous rating. Built-In thermal protector. Please check gear head shaft dia and length for pinion shaft.			



Model	Price ₹	Specification	Appearance / Dimension
Induction Motor Single Phase 220/230VAC 50/60Hz (Straight Shaft) 4-Pole			GGM BTH ↗
K6IS6NC	5830.00	6W, Flange 60mm, Motor Length 75mm, Straight Shaft Dia/Length, 6/24mm	
K7IS15NC	5910.00	15W, Flange 70mm, Motor Length 80mm, Straight Shaft Dia/Length, 6/32mm	
K8IS25NC	6495.00	25W, Flange 80mm, Motor Length 86mm, Straight Shaft Dia/Length, 8/32mm	
K9IS40NC	7845.00	40W, Flange 90mm, Motor Length 105mm, Straight Shaft Dia/Length, 10/37mm	
K9IS60FC	9425.00	60W, Flange 90mm, Motor Length 121mm, Straight Shaft Dia/Length, 12/37mm	
K9IS90FC	11210.00	90W, Flange 90mm, Motor Length 137mm, Straight Shaft Dia/Length, 12/37mm	
K9IS120FC	16550.00	120W, Flange 90mm, Motor Length 155mm, Straight Shaft Dia/Length, 12/37mm	
K9IS180FC	17530.00	180W, Flange 90mm, Motor Length 155mm, Straight Shaft Dia/Length, 10/37mm	
High Speed Single Phase 220/240VAC 50Hz (Straight Shaft) 2-Pole			BTH ↗
B8IDDE-25-A	7630.00	25W, (.36Amp.), 80mm Flange, Shaft dia 8mm, Shaft length 32mm, D-Cut, 2500RPM Motor Length 88mm, continuous rating	
B9IDKE-40-A	9230.00	40W, (.55Amp.), 90mm Flange, Shaft dia 10mm, Shaft length 37mm, Key-type, 2650RPM Motor Length 105mm, continuous rating	
B9IDKE-60F-A	11060.00	60W, (1.1Amp.), 90mm Flange, Shaft dia 12mm, Shaft length 37mm, Key-type, 2700RPM Motor length 128mm, continuous rating	
B9IDKE-90F-A	13160.00	90W, (1.1Amp.), 90mm Flange, Shaft dia 12mm, Shaft length 37mm, Key-type, 2600RPM Motor length 141mm, continuous rating	
B9IDKE-120F-A	16550.00	120W, (1.4Amp.), 90mm Flange, Shaft dia 12mm, Shaft length 37mm, Key-type, 2500RPM Motor length 141mm, continuous rating	
Speed Control Motors SU Series (Straight Shaft)			
K8IS25NC-SU	8490.00	25W, Flange 80mm, Motor Length 86mm, Straight Shaft Dia/Length, 8/32mm	
K9IS40NC-SU	10190.00	40W, Flange 90mm, Motor Length 105mm, Straight Shaft Dia/Length, 10/37mm	
K9IS90FC-SU	15500.00	90W, Flange 90mm, Motor Length 137mm, Straight Shaft Dia/Length, 12/37mm	
K9IS120FC-SU	20850.00	120W, Flange 90mm, Motor Length 155mm, Straight Shaft Dia/Length, 12/37mm	
K9IS180FC-SU	30700.00	180W, Flange 90mm, Motor Length 155mm, Straight Shaft Dia/Length, 12/37mm	
Speed Controller for SU Series Motor (Unit Type) Condensor inside			GGM BTH ↗
GUA-C-6-A	8500.00	Speed Controller for 6 Watt	
GUA-C-15-A		Speed Controller for 15 Watt	
GUA-C-25-A		Speed Controller for 25 Watt	
GUA-C-40-A		Speed Controller for 40 Watt	
GUA-C-60-A		Speed Controller for 60 Watt	
GUA-C-90-A		Speed Controller for 90 Watt	
GUA-C-120-A		Speed Controller for 120 Watt	
GUA-C-180-A		Speed Controller for 180 Watt	
Speed Control Pack (GPA Series), 230VAC 50 Hz 90 ~ 1400 RPM			
GPA-C-A	8700.00	Speed Controller for 6~90 watt motor, 8 Pin, 59*49*66mm, Condensor not included, 8 Pin Base included	
GPA-U		Eight Pin Speed Controller 110VAC	

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Model	Price ₹	Specification	Appearance / Dimension
Induction Motor Three Phase 230VAC 50/60Hz (Straight Shaft)			GGM BTH
K8IS25NH	6730.00	25W , Flange 80mm, Motor Length 86mm, Straight Shaft, Dia/Length, 8/32mm	
K9IS40NH	8190.00	40W , Flange 90mm, Motor Length 105mm, Straight Shaft, Dia/Length, 10/37mm	
K9IS60FH	9830.00	60W , Flange 90mm, Motor Length 121mm, Straight Shaft, Dia/Length, 12/37mm	
K9IS90FH	11760.00	90W , Flange 90mm, Motor Length 137mm, Straight Shaft, Dia/Length, 12/37mm	
K9IS150FH	17870.00	150W , Flange 90mm, Motor Length 155mm, Straight Shaft, Dia/Length, 12/37mm	
K9IS200FH	19300.00	200W , Flange 90mm, Motor Length 155mm, Straight Shaft, Dia/Length, 12/37mm	
Three Phase Induction motor has higher efficiency and reliability because it can be driven by a three phase power source directly, single direction, continuous rating. Built-in thermal protector. Please check gear head shaft dia and length for pinion shaft.			

High Speed, Three Phase 220VAC 50Hz (Straight Shaft) 2 Pole			BTH
B9IDKG-150F-A	15830.00	150W , (.91Amp.), 90mm Flange, Shaft dia 12mm, Shaft length, 37mm Key-type, 2700RPM Motor length 141mm, continuous rating, TP, IP-20, Ins.Class B	
B9IDKG-200F-A	20890.00	200W , (1.1Amp.), 90mm Flange, Shaft dia 12mm, Shaft length 37mm, Key-type, 2600RPM Motor length 167mm, continuous rating, TP, IP-20, Ins.Class B	
High Speed, Three Phase 380/400VAC 50Hz (Straight Shaft) 2 Pole			
B9IDKK-150F-A	17410.00	150W , (.49Amp.), 90mm Flange, Shaft dia 12mm, Shaft length 37mm, Key-type, 2700RPM Motor length 141mm, continuous rating, TP, IP-20, Ins.Class B	
B9IDKK-200F-A	22980.00	200W , (.58Amp.), 90mm Flange, Shaft dia 12mm, Shaft length 37mm, Key-type, 2600RPM Motor length 167mm, continuous rating, TP, IP-20, Ins.Class B	






VFD (AC Drive) VFD-L & VFD-S SERIES			selec
VFD-L-1-005-230V	11112.00	1 PH 230VAC IN, 3 PH 0-230VAC OUT 0.5HP/0.4kW, Compact series (4 DIs, 2AIs, RS485, 1RO, Built In Display)	 <p>V/F Control, Automatic Voltage Regulation 150% Rated Current, Detachable user interface (Display+Keypad), PI Control, Provides protection against Over Current, Over Voltage, Under Voltage, Overheat, Overload, Under Current RS485 Modbus communication</p> 
VFD-L-1-010-230V	11852.00	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75kW, Compact series (4 DIs, 2AIs, RS485, 1RO, Built In Display)	
VFD-S-1-005-230V	12268.00	1 PH 230VAC IN, 3 PH 0-230VAC OUT 0.5HP/0.4kW, General Purpose series (5 DIs, 1AI, POT input, RS485, 1RO, 1 TO, Detachable Display)	
VFD-S-1-010-230V	12534.00	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75kW, General Purpose series (5 DIs, 1AI, POT input, RS485, 1RO, 1 TO, Detachable Display)	
VFD-S-1-020-230V	14156.00	1 PH 230VAC IN, 3 PH 0-230VAC OUT 2HP/1.5kW, General Purpose series (5 DIs, 1 AI, POT input, RS485, 1 RO, 1 TO, Detachable Display)	
VFD-S-3-010-415V	16951.00	3 PH 415VAC IN, 3 PH 0-415VAC OUT 1HP/0.75kW, General Purpose series (5 DIs, 1 AI, POT input, RS485, 1 RO, 1 TO, Detachable Display)	
VFD-S-3-020-415V	17701.00	3 PH 415VAC IN, 3 PH 0-415VAC OUT 2HP/1.5kW, General Purpose series (5 DIs, 1 AI, POT input, RS485, 1 RO, 1 TO, Detachable Display)	
VFD-S-3-030-415V	20701.00	3 PH 415VAC IN, 3 PH 0-415VAC OUT 3HP/2.2kW, General Purpose series (5 DIs, 1 AI, POT input, RS485, 1 RO, 1 TO, Detachable Display)	

Shaded Pole Induction Motor 220VAC Single Phase		GGM BTH
KGA-662-6150F2	8260.00	3.6 RPM, Torque 50 Kgf.cm Frame Size 136*76mm Shaft Length 50mm Shaft Dia 12.7mm Shaft Type D-Cut, Fan Cooling Bearing Type: All Ball Bearing
KMF-1410-6130A2-0022	7300.00	1.8 RPM, Torque 30 Kg.cm Frame Size 119*69.9mm Shaft Length 30mm Shaft Dia 12.7mm Shaft Type D-Cut
KMF-2610-KA6120AC-01	6930.00	1 RPM, 30kgf.cm .24Amp, Shaft dia 8mm, Shaft length 30mm Protection Class A, Weight 1.4kg, for pellet stove

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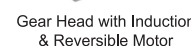


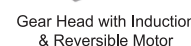


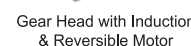


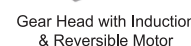


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Model	Price ₹	Specification	Appearance / Dimension
DC Motor (PMDC) (Pinion Shaft)			BTH
DC Motor 12VDC Pinion Shaft			
K6DG15N1	4960.00	15Watt, 12VDC, Flange 60mm, Pinion Shaft, Motor Length 88mm	 15 watt 60mm
K6DG25N1	5460.00	25Watt, 12VDC, Flange 60mm, Pinion Shaft, Motor Length 102mm	 25 watt 60mm
K8DG25N1	6110.00	25Watt, 12VDC, Flange 80mm, Pinion Shaft, Motor Length 124mm	 25 watt 80mm
K8DG40N1	7270.00	40Watt, 12VDC, Flange 80mm, Pinion Shaft, Motor Length 124mm	 40 watt 80mm
K9DG60N1	8550.00	60Watt, 12VDC, Flange 90mm, Pinion Shaft, Motor Length 142mm	 60 watt 90mm
K9DP90N1	9530.00	90Watt, 12VDC, Flange 90mm, Pinion Shaft, Motor Length 142mm	 90 watt 90mm
K9DP150N1	19900.00	90Watt, 12VDC, Flange 90mm, Pinion Shaft, Motor Length 168mm	 150 watt 90mm
DC Motor 24VDC (Pinion Shaft)			
K6DG15N2	4710.00	15Watt, 24VDC, Flange 60mm, Pinion Shaft, Motor Length 88mm	 15 watt 60mm
K6DG25N2	5230.00	25Watt, 24VDC, Flange 60mm, Pinion Shaft, Motor Length 102mm	 25 watt 60mm
K8DG25N2	5490.00	25Watt, 24VDC, Flange 80mm, Pinion Shaft, Motor Length 124mm	 25 watt 80mm
K8DG40N2	6300.00	40Watt, 24VDC, Flange 80mm, Pinion Shaft, Motor Length 124mm	 40 watt 80mm
K9DG60N2	8130.00	60Watt, 24VDC, Flange 90mm, Pinion Shaft, Motor Length 142mm	60 watt 90mm
K9DP90N2	8830.00	90Watt, 24VDC, Flange 90mm, Pinion Shaft, Motor Length 142mm	90 watt 90mm
K9DP150N2	12900.00	150Watt, 24VDC, Flange 90mm, Pinion Shaft, Motor Length 162mm	150 watt 90mm
K9DP200N2	21900.00	200Watt, 24VDC, Flange 90mm, Pinion Shaft, Motor Length 168mm	200 watt 90mm
K9DP300N2	25300.00	300Watt, 24VDC, Flange 90mm, Pinion Shaft, Motor Length 183mm	300 watt 90mm
DC Motor 90VDC (Pinion Shaft)			
K6DG15N3	4710.00	15Watt, 90VDC, Flange 60mm, Pinion Shaft, Motor Length 88mm	15 watt 60mm
K8DG25N3	5530.00	25Watt, 90VDC, Flange 80mm, Pinion Shaft, Motor Length 124mm	25 watt 80mm
K8DG40N3	6300.00	40Watt, 90VDC, Flange 80mm, Pinion Shaft, Motor Length 124mm	40 watt 80mm
K9DG60N3	8130.00	60Watt, 90VDC, Flange 90mm, Pinion Shaft, Motor Length 142mm	60 watt 90mm
K9DP90N3	8830.00	90Watt, 90VDC, Flange 90mm, Pinion Shaft, Motor Length 142mm	90 watt 90mm
K9DP150N3	12300.00	150Watt, 90VDC, Flange 90mm, Pinion Shaft, Motor Length 162mm	150 watt 90mm
K9DP200N3	15130.00	200Watt, 90VDC, Flange 90mm, Pinion Shaft, Motor Length 168mm	200 watt 90mm
K9DP300N3	25600.00	300Watt, 90VDC, Flange 90mm, Pinion Shaft, Motor Length 183mm	300 watt 90mm
Speed Controller for 90VDC Motor Enclosed			BTH
BUA-90D	8300.00	Output 0-90 Volt DC, AC input 220VAC Single Phase Max Motor Capacity 300Watt, Control Action PWM Speed Adjustment, Run / Stop switch Minimum & Maximum speed Limit, Torque Adjustment Adjust Time period of start & Adjust Time period of Stop Dimension 113(W) x 100(H) x 52(D) Enclosed Box	

Model	Price ₹	Specification	Appearance / Dimension
PMDC Motor (Straight Shaft) 3000RPM			BTH ➤
DC Motor 12VDC Straight Shaft 3000RPM			
K6DS15N1	4960.00	15W, 12VDC, Flange 60mm, Motor Length 88mm, Straight Shaft , dia/length 8/23mm	 15 watt
K8DS25N1	6110.00	25W, 12VDC, Flange 80mm, Motor Length 124mm, Straight Shaft , dia/length 8/31mm	
K8DS40N1	7270.00	40W, 12VDC, Flange 80mm, Motor Length 124mm, Straight Shaft , dia/length 8/31mm	
K9DS60N1	8550.00	60W, 12VDC, Flange 90mm, Motor Length 142mm, Straight Shaft , dia/length 12/36mm	
K9DS90N1	9530.00	90W, 12VDC, Flange 90mm, Motor Length 142mm, Straight Shaft , dia/length 12/36mm	
K9DS150N1	19900.00	150W, 12VDC, Flange 90mm, Motor Length 168mm, Straight Shaft , dia/length 12/36mm	
DC Motor 24VDC (Straight Shaft) 3000RPM			
K6DS15N2	4710.00	15W, 24VDC, Flange 60mm, Motor Length 88mm, Straight Shaft , dia/length 8/23mm	 25 watt 40 watt
K8DS25N2	5490.00	25W, 24VDC, Flange 80mm, Motor Length 124mm, Straight Shaft , dia/length 8/31mm	
K8DS40N2	6300.00	40W, 24VDC, Flange 80mm, Motor Length 124mm, Straight Shaft , dia/length 8/31mm	
K9DS60N2	8130.00	60W, 24VDC, Flange 90mm, Motor Length 142mm, Straight Shaft , dia/length 12/36mm	
K9DS90N2	8830.00	90W, 24VDC, Flange 90mm, Motor Length 142mm, Straight Shaft , dia/length 12/36mm	
K9DS150N2	12900.00	150W, 24VDC, Flange 90mm, Motor Length 162mm, Straight Shaft , dia/length 12/36mm	
K9DS200N2	21900.00	200W, 24VDC, Flange 90mm, Motor Length 168mm, Straight Shaft , dia/length 12/36mm	
K9DS300N2	25300.00	300W, 24VDC, Flange 90mm, Motor Length 183mm, Straight Shaft , dia/length 12/36mm	
DC Motor 90VDC (Straight Shaft) 3000RPM			
K6DS15N3	4710.00	15W, 90VDC, Flange 60mm, Motor Length 88mm, Straight Shaft , dia/length 8/23mm	 150 watt 200 watt
K8DS25N3	5530.00	25W, 90VDC, Flange 80mm, Motor Length 124mm, Straight Shaft , dia/length 8/31mm	
K8DS40N3	6300.00	40W, 90VDC, Flange 80mm, Motor Length 124mm, Straight Shaft , dia/length 8/31mm	
K9DS60N3	8130.00	60W, 90VDC, Flange 90mm, Motor Length 142mm, Straight Shaft , dia/length 12/36mm	
K9DS90N3	8830.00	90W, 90VDC, Flange 90mm, Motor Length 142mm, Straight Shaft , dia/length 12/36mm	
K9DS150N3	12300.00	150W, 90VDC, Flange 90mm, Motor Length 162mm, Straight Shaft , dia/length 12/36mm	
K9DS200N3	15130.00	200W, 90VDC, Flange 90mm, Motor Length 168mm, Straight Shaft , dia/length 12/36mm	
K9DS300N3	25600.00	300W, 90VDC, Flange 90mm, Motor Length 183mm, Straight Shaft , dia/length 12/36mm	
DC Special Purpose Motor			
DS30-60K7-MD9 (DS030-60K7) Old Model	7590.00	For Circuit Breaker 30VDC 6000 RPM, 30Watt, Torque .4Kg-CM, Current 2Amp., Frame 77mm. Motor Dia 60.5mm, Shaft Dia/Length 8/11mm, Motor Length 111mm	 D61A-108B0  DS60-35G2  D6015-12B30
D61A-108B0-IJ3	24010.00	For Circuit Breaker 24VDC, Motor RPM 10800 Gear Ratio 1/291 final RPM 37.1, 100Watt, Torque 200Kg-CM, Current 7.5Amp., Motor assembly 160*74*93mm, Shaft Dia 16mm	
DS60-35G2-TM2	16460.00	For Circuit Breaker 110VDC, Motor RPM 3500 Gear Ratio 1/282 final RPM 14.2, 60Watt, Torque 40Kg-CM, Current 1.3Amp., Motor assembly 192*100*125mm, Shaft Dia 14mm with 4mm Cut in between	
D6015-12B30	15430.00	For Massage Bed 24VDC, Motor RPM 1200 Gear Ratio 1/145 final RPM 8.2D, 15Watt, Torque 40Kg-CM, Current 1.4Amp., Motor assembly	

The specification & prices are subject to change without prior notice
GST & Freight extra as Applicable All dimensions in mm








06 No warranty for Physical Damaged / Burnt out. We are not liable for consequential damages
Limited warranty, one year, against manufacturing defects

Model	Price ₹	Specification	Appearance / Dimension
Gear 60*60mm Frame (for Pinion General Shaft AC 6 watt, DC 15 watt, 12, 24V & 90V)			GGM BTH 
K6G3C	4660.00	Ratio 1:3 , Gear Length 30mm, Shaft Length / Dia 32 / 8mm	  
K6G5C		Ratio 1:5 , Gear Length 30mm, Shaft Length / Dia 32 / 8mm	
K6G7.5C		Ratio 1:7.5 , Gear Length 30mm, Shaft Length / Dia 32 / 8mm	
K6G12.5C		Ratio 1:12.5 , Gear Length 30mm, Shaft Length / Dia 32 / 8mm	
K6G15C		Ratio 1:15 , Gear Length 30mm, Shaft Length / Dia 32 / 8mm	
K6G18C		Ratio 1:18 , Gear Length 30mm, Shaft Length / Dia 32 / 8mm	
K6G25C	5240.00	Ratio 1:25 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm*	  
K6G30C		Ratio 1:30 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm*	
K6G36C		Ratio 1:36 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm*	
K6G50C	5900.00	Ratio 1:50 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm	  
K6G75C		Ratio 1:75 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm	
K6G100C		Ratio 1:100 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm	
K6G150C		Ratio 1:150 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm	
K6G180C	6760.00	Ratio 1:180 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm	  
bK6G200C		Ratio 1:200 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm	
bK6G250C	5570.00	Ratio 1:250 , Gear Length 40mm, Shaft Length / Dia 32 / 8mm	  
K6G10BX		1:10 Decimal Gear head to further reduce speed by 1/10	




Gear 70*70mm Frame (for Pinion General Shaft AC 15 watt)			GGM BTH 
Gear Model	Metal + Ball Bearing		
K7G3C	5030.00	Ratio 1:3 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	  
K7G5C		Ratio 1:5 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K7G7.5C		Ratio 1:7.5 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K7G12.5C		Ratio 1:12.5 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K7G15C		Ratio 1:15 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K7G18C		Ratio 1:18 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K7G25C	5500.00	Ratio 1:25 , Gear Length 42mm, Shaft Length / Dia 32 / 10mm	  
K7G30C		Ratio 1:30 , Gear Length 42mm, Shaft Length / Dia 32 / 10mm	
K7G36C		Ratio 1:36 , Gear Length 42mm, Shaft Length / Dia 32 / 10mm	
K7G50C	6030.00	Ratio 1:50 , Gear Length 42mm, Shaft Length / Dia 32 / 10mm	  
K7G75C		Ratio 1:75 , Gear Length 42mm, Shaft Length / Dia 32 / 10mm	
K7G100C		Ratio 1:100 , Gear Length 42mm, Shaft Length / Dia 32 / 10mm	
K7G150C		Ratio 1:150 , Gear Length 42mm, Shaft Length / Dia 32 / 10mm	
K7G180C	5460.00	Ratio 1:180 , Gear Length 42mm, Shaft Length / Dia 32 / 10mm	  
K7G10BX		1:10 Decimal Gear head to further reduce speed by 1/10	

The specification & prices are subject to change without prior notice
 GST & Freight extra as Applicable All dimensions in mm

07 No warranty for Physical Damaged / Burnt out. We are not liable for consequential damages
 Limited warranty, one year, against manufacturing defects

Model	Price ₹	Specification	Appearance / Dimension
Gear 80*80mm Frame (for Pinion General Shaft AC 25 watt, DC 25 & 40 watt, 12, 24V & 90V)			GGM BTH 
K8G3C	5240.00	Ratio 1:3 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K8G5C		Ratio 1:5 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K8G7.5C		Ratio 1:7.5 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K8G12.5C		Ratio 1:12.5 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K8G15C		Ratio 1:15 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K8G18C		Ratio 1:18 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K8G25C	5660.00	Ratio 1:25 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm*	
K8G30C		Ratio 1:30 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm*	
K8G36C		Ratio 1:36 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm*	
K8G50C	6190.00	Ratio 1:50 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm	
K8G75C		Ratio 1:75 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm	
K8G100C		Ratio 1:100 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm	
K8G150C		Ratio 1:150 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm	
K8G180C		Ratio 1:180 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm	
K8G200C		Ratio 1:200 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm	
K8G10BX	6070.00	1:10 Decimal Gear head to further reduce speed by 1/10	
Gear for 25 Watt 80mm Frame (all Ball Bearing)			
K8G12.5B	6070.00	Ratio 1:12.5 , Gear Length 32mm, Shaft Length / Dia 32 / 10mm	
K8G25B	6690.00	Ratio 1:25 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm	
K8G180B	7400.00	Ratio 1:180 , Gear Length 42.5mm, Shaft Length / Dia 32 / 10mm	
Gear for 25 Watt 80*80mm Right Angle			
K8G12.5BRS	17700.00	Ratio 1:12.5 , Gear Height 98mm, Shaft Length / Dia 32 / 10mm	
K8G50BRS	21950.00	Ratio 1:50 , Gear Height 98mm, Shaft Length / Dia 32 / 10mm	
K8G10BRH	18660.00	Ratio 1:10 , Gear Height 98mm, Shaft Hollow / Dia 15 mm	
K8G50BRH	22907.00	Ratio 1:50 , Gear Height 98mm, Shaft Hollow / Dia 15 mm	
Gear 90*90mm Frame (for Pinion General Shaft AC 40 watt, DC 60 watt 24V & 90V)			GGM BTH 
K9G3C	6030.00	Ratio 1:3 , Gear Length 42mm, Shaft Length / Dia 32 / 12mm	
K9G5C		Ratio 1:5 , Gear Length 42mm, Shaft Length / Dia 32 / 12mm	
K9G7.5C		Ratio 1:7.5 , Gear Length 42mm, Shaft Length / Dia 32 / 12mm	
K9G12.5C		Ratio 1:12.5 , Gear Length 42mm, Shaft Length / Dia 32 / 12mm	
K9G15C		Ratio 1:15 , Gear Length 42mm, Shaft Length / Dia 32 / 12mm	
K9G18C		Ratio 1:18 , Gear Length 42mm, Shaft Length / Dia 32 / 12mm	
K9G25C	6400.00	Ratio 1:25 , Gear Length 60mm, Shaft Length / Dia 32 / 12mm	
K9G30C		Ratio 1:30 , Gear Length 60mm, Shaft Length / Dia 32 / 12mm	
K9G36C		Ratio 1:36 , Gear Length 60mm, Shaft Length / Dia 32 / 12mm	
K9G50C	7030.00	Ratio 1:50 , Gear Length 60mm, Shaft Length / Dia 32 / 12mm	
K9G75C		Ratio 1:75 , Gear Length 60mm, Shaft Length / Dia 32 / 12mm	
K9G100C		Ratio 1:100 , Gear Length 60mm, Shaft Length / Dia 32 / 12mm	
K9G150C		Ratio 1:150 , Gear Length 60mm, Shaft Length / Dia 32 / 12mm	
K9G180C		Ratio 1:180 , Gear Length 60mm, Shaft Length / Dia 32 / 12mm	
bK9G200C		7290.00	
bK9G250C	Ratio 1:250 , Gear Length 60mm, Shaft Length / Dia 32 / 12mm		
K9G10BX	7190.00	1:10 Decimal Gear head to further reduce speed by 1/10	

The specification & prices are subject to change without prior notice
 GST & Freight extra as Applicable All dimensions in mm

Model	Price ₹	Specification	Appearance / Dimension
Gear 90*90mm Frame (for Pinion Shaft AC 60~200 watt, DC 60 watt 12V & DC 90~300 watt, 12V, 24 & 90VDC) GGM BTH 			
K9P3B	9250.00	Ratio 1:3 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm	 
K9P5B		Ratio 1:5 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm	
K9P7.5B		Ratio 1:7.5 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm	
K9P12.5B	10190.00	Ratio 1:12.5 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm*	
K9P15B		Ratio 1:15 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm*	
K9P18B		Ratio 1:18 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm*	
K9P25B	11250.00	Ratio 1:25 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm	
K9P30B		Ratio 1:30 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm	
K9P36B		Ratio 1:36 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm	
K9P50B		Ratio 1:50 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm	
K9P75B	11630.00	Ratio 1:75 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm*	
K9P100B		Ratio 1:100 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm*	
K9P150B		Ratio 1:150 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm*	
K9P180B		Ratio 1:180 , Gear Length 65mm, Shaft Length / Dia 38 / 18mm*	
K9P10BX	9250.00	1:10 , Decimal Gear head to further reduce speed by 1/10	

Flange Gear 90*90mm Frame (for Pinion Shaft AC 60~200 watt, DC 60 watt 12V & DC 90~300 watt, 12V, 24 & 90VDC)

K9P3BF	9250.00	Ratio 1:3 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	   
K9P5BF		Ratio 1:5 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P7.5BF		Ratio 1:7.5 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P12.5BF	10190.00	Ratio 1:12.5 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P15BF		Ratio 1:15 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P18BF		Ratio 1:18 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P25BF	11250.00	Ratio 1:25 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P30BF		Ratio 1:30 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P36BF		Ratio 1:36 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P50BF		Ratio 1:50 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P60BF	11630.00	Ratio 1:60 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P75BF		Ratio 1:75 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P100BF		Ratio 1:100 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P150BF		Ratio 1:150 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
K9P180BF	11630.00	Ratio 1:180 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	
bK9P200BF		Ratio 1:200 , Gear Length 65mm, Shaft Length / Dia 38 / 15mm	

Gear for 60~200 Watt 90*90mm Right Angle **GGM BTH** 

K9P12.5BRS	25970.00	Ratio 1:12.5 , Gear Height 118mm, Shaft Length / Dia 38 / 15mm	<p>Right Angle Gear Head</p>   <p>Shaft Gear Head Hollow Gear Head</p>
K9P50BRS	27960.00	Ratio 1:50 , Gear Height 118mm, Shaft Length / Dia 38 / 15mm	
K9P12.5BRH	29870.00	Ratio 1:12.5 , Gear Height 118mm, Shaft Hollow Dia 17mm	
K9P50BRH	32090.00	Ratio 1:50 , Gear Height 118mm, Shaft Hollow Dia 17mm	

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Rated Torque of Gear Head (kg-cm) AC Induction, Reversible & Break Motors

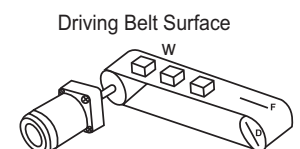


Ratio	RPM	Torque kg-cm									
		6W	15W	25W	40W	60W	90W	120W	150W	180W	200W
Ratio 1:3	500	1.2	2.9	5.7	7.3	11.4	17.3	18.0	26.7	27.2	35.2
Ratio 1:5	300	1.9	4.9	9.5	12.2	19.0	28.8	30.0	44.6	45.4	58.7
Ratio 1:7.5	200	2.9	7.3	14.3	18.2	28.6	43.1	45.0	66.8	68.0	88.1
Ratio 1:12.5	120	4.9	12.2	23.8	30.4	42.8	64.7	67.4	100.2	102.1	132.1
Ratio 1:15	100	5.8	14.6	28.6	36.5	51.4	77.6	80.9	120.3	122.5	158.6
Ratio 1:25	60	8.7	21.9	42.8	54.7	77.1	116.5	121.4	180.4	183.7	237.8
Ratio 1:30	50	10.5	26.2	51.4	65.6	92.5	139.7	145.7	216.5	220.4	285.4
Ratio 1:36	41	12.6	31.5	61.7	78.7	111.0	167.7	174.8	259.8	264.5	300.0
Ratio 1:50	30	15.7	39.4	77.1	98.4	154.2	200.0	200.0	300.0	300.0	300.0
Ratio 1:75	20	23.6	50.0	80.0	100.0	200.0	200.0	200.0	300.0	300.0	300.0
Ratio 1:100	15	30.0	50.0	80.0	100.0	200.0	200.0	200.0	300.0	300.0	300.0
Ratio 1:150	10	30.0	50.0	80.0	100.0	200.0	200.0	200.0	300.0	300.0	300.0
Ratio 1:180	8.3	30.0	50.0	80.0	100.0	200.0	200.0	200.0	300.0	300.0	300.0

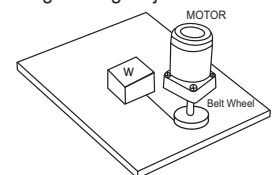
Combination with a Gear head Allows the Motor to Slow down to a required Speed or Generate Higher Torque

AC Speed Control Motor

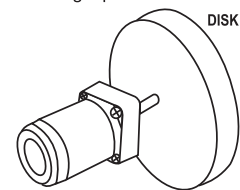
Ratio	RPM	Torque kg-cm (Maximum to Minimum)							
		6W	15W	25W	40W	60W	90W	120W	180W
Ratio 1:3	500	1.2 to .7	3 to .85	4.6 to 1.1	5.6 to 1.5	12 to 3.4	17.7 to 5.6	21.9	34.1
Ratio 1:5	300	2 to 1.2	5.1 to 1.4	7.7 to 1.9	9.3 to 2.6	20 to 5.7	29.6 to 9	36.5	56.8
Ratio 1:7.5	200	3 to 1.8	7.6 to 2.1	12 to 2.9	14 to 3.8	30 to 8.5	44.3 to 14	54.7	85.2
Ratio 1:12.5	120	5.1 to 2.9	13 to 3.5	19 to 4.8	23 to 6.4	45 to 13	66.5 to 21	76.5	93.8
Ratio 1:15	100	6.1 to 3.5	15 to 4.3	23 to 5.7	28 to 7.7	54 to 15	79.8 to 25	98.4	102.4
Ratio 1:25	60	9.1 to 5.3	23 to 6.4	35 to 8.6	42 to 11	81 to 23	120 to 38	147.6	153.5
Ratio 1:30	50	11 to 6.4	27 to 7.7	42 to 10	50 to 14	97 to 28	144 to 45	163.5	214.3
Ratio 1:36	41	13 to 7.6	33 to 9.9	50 to 12	60 to 17	116 to 33	172 to 54	180.0	275.0
Ratio 1:50	30	17 to 9.6	41 to 12	63 to 16	76 to 21	162 to 46	200 to 75	200.0	300.0
Ratio 1:75	20	25 to 15	50 to 17	80 to 23	100 to 31	200 to 62	200 to 113	200.0	300.0
Ratio 1:100	15	30 to 19	50 to 23	80 to 31	100 to 42	200 to 83	200 to 151	200.0	300.0
Ratio 1:150	10	30 to 30	50 to 35	80 to 47	100 to 62	200 to 124	200 to 200	200.0	300.0
Ratio 1:180	8.3	30 to 30	50 to 42	80 to 56	100 to 75	200 to 149	200 to 200	200.0	300.0



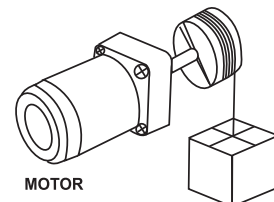
Driving Moving Object on the Surface



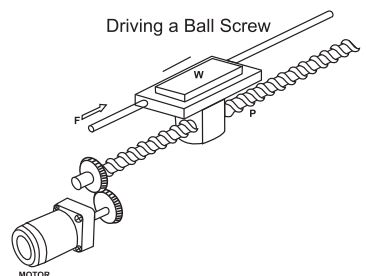
Driving Operation Inertia Mass



Driving Rolling up Load



Driving a Ball Screw



DC Motors

Ratio	RPM	Torque kg-cm							
		15W	25W	40W	60W	90W	150W	200W	300W
Ratio 1:3	1000	1.2	2.0	3.2	4.7	7.1	11.8	16.9	23.6
Ratio 1:5	600	2.0	3.3	5.3	7.9	11.8	19.7	28.8	40.3
Ratio 1:7.5	400	3.0	4.9	7.9	11.8	17.7	29.6	42.2	59.0
Ratio 1:12.5	240	5.0	8.2	13.2	19.7	29.6	44.4	63.3	88.9
Ratio 1:15	200	6.0	9.9	15.8	21.3	31.9	53.3	76.0	106.7
Ratio 1:25	120	8.9	14.8	23.7	32.0	47.9	79.9	114.0	177.8
Ratio 1:30	100	10.7	17.8	28.5	42.7	63.9	95.9	136.8	213.3
Ratio 1:36	82	12.9	21.3	34.1	46.1	69.0	115.0	164.2	256.0
Ratio 1:50	60	16.1	26.6	42.6	64.0	95.8	159.8	228.0	300.0
Ratio 1:75	40	14.3	39.9	50.0	86.4	129.3	215.7	300.0	300.0
Ratio 1:100	30	30.0	50.0	50.0	115.1	172.4	287.6	300.0	300.0
Ratio 1:150	20	30.0	50.0	50.0	172.7	200.0	300.0	300.0	300.0
Ratio 1:180	17	30.0	50.0	50.0	200.0	200.0	300.0	300.0	300.0

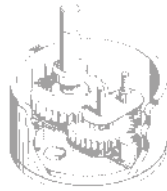
The specification & prices are subject to change without prior notice
GST & Freight extra as Applicable All dimensions in mm

10 No warranty for Physical Damaged / Burnt out. We are not liable for consequential damages
Limited warranty, one year, against manufacturing defects

PGDM-24S37 Series 24VDC, Compact Type Geared Motors

GGM BTH

- Eccentric output shaft gearbox.
- Low noise and low current.
- Long life gearbox.



(2.6 ~ 30.9 r/min)



(43.3 ~ 130 r/min)



(260 ~ 3250 r/min)

DC Geared Motor Performance Data

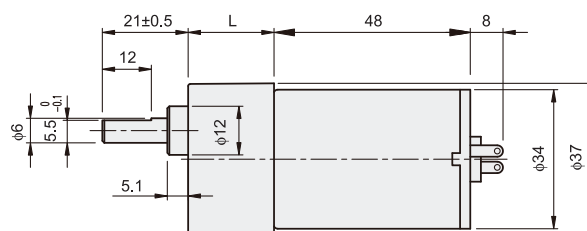
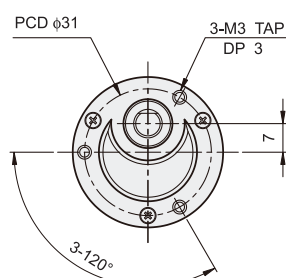
Model	Price ₹	Speed (rpm)	Torque (kgf-cm)	Gear Ratio	Length (mm)	Weight (gm)
PGDM-24S37-3250	2290.00	3250	0.13	1/002	69	230
PGDM-24S37- 2167		2167	0.19	1/003		
PGDM-24S37- 1300		1300	0.32	1/005		
PGDM-24S37- 650		650	0.65	1/010		
PGDM-24S37- 325		325	1.1	1/020		
PGDM-24S37- 260		260	1.4	1/025		
PGDM-24S37- 130		130	2.6	1/050	77	250
PGDM-24S37- 92.8		92.8	3.3	1/070		
PGDM-24S37- 65		65	4.7	1/100		
PGDM-24S37- 54.1		54.1	5.6	1/120		
PGDM-24S37- 43.3		43.3	6	1/150		
PGDM-24S37- 30.9		30.9		1/210		
PGDM-24S37- 18		18		1/360		
PGDM-24S37- 13		13		1/500		
PGDM-24S37- 8.6	8.6	1/750				
PGDM-24S37- 6	6	1/1080				
PGDM-24S37- 2.6	2.6	2.6	1/2430	81.7	260	

KD3448T2

Motor Specifications

Voltage	24 VDC
Current	No Load - 100 mA, at max. efficiency - 400mA, at stall - 3A
Speed	No Load - 7500 (r/min), at max. efficiency - 6500 (r/min)
Torque	At max. efficiency - 80 (gf-cm), at stall - 700 (gf-cm)
Life Expectancy	Life expectancy for DC geared motor is limited primarily by the life of the brushes, bearing and gearbox. Life expectancy in the range of 2000-5000 hours of operation are common. (although actual service life can vary greatly, depending on the motor design and operating current, voltage, speed and other conditions.)

Dimensions



Gearhead Length

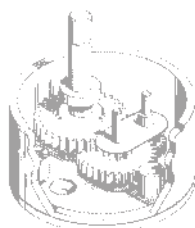
Ratio	L
1/002~1/030	21
1/040~1/180	29
1/200~1/2430	33.7



PGDM-12S37 Series 12VDC, Compact Type Geared Motors

GGM BTH

- Eccentric output shaft gearbox.
- Low noise and low current.
- Long life gearbox.



DC Geared Motor Performance Data

1/200~1/2430

1/040~1/180

1/002~1/30

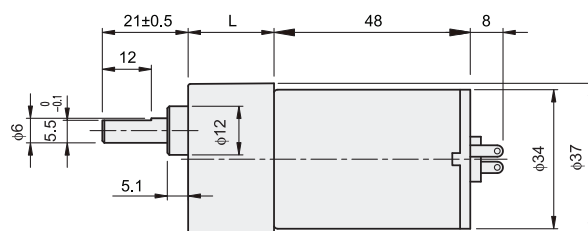
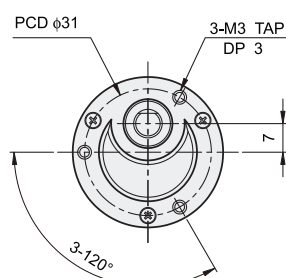
Model	Price ₹	Speed (rpm)	Torque (kgf-cm)	Gear Ratio	Length (mm)	Weight (gm)
PGDM-12S37- 2250	2290.00	2250	0.13	1/002	69	230
PGDM-12S37- 1500		1500	0.19	1/003		
PGDM-12S37- 900		900	0.32	1/005		
PGDM-12S37- 450		450	0.65	1/010		
PGDM-12S37- 300		300	0.87	1/015		
PGDM-12S37- 225		225	1.1	1/020		
PGDM-12S37- 180		180	1.4	1/025		
PGDM-12S37- 150		150	1.7	1/030	77	250
PGDM-12S37- 90		90	2.6	1/050		
PGDM-12S37- 50		50	4.2	1/090		
PGDM-12S37- 30		30	6	1/150		
PGDM-12S37- 25		25		1/180		
PGDM-12S37- 15		15		1/300		
PGDM-12S37- 12.5		12.5		1/360		
PGDM-12S37- 9	9	1/500				
PGDM-12S37- 6	6	1/750	81.7	260		
PGDM-12S37- 4.1	4.1	1/1080				
PGDM-12S37- 2.8	2.8	1/1620				
PGDM-12S37- 1.8	1.8	1/2430				

KD3448S1

Motor Specifications

Voltage	12 VDC
Current	No Load - 150 mA, at max. efficiency - 500 mA, at stall - 3.2 A
Speed	No Load - 5200 (r/min), at max. efficiency 4500 (r/min)
Torque	At max. efficiency - 80 (gf-cm), at stall - 830 (gf-cm)
Life Expectancy	Life expectancy for DC geared motor is limited primarily by the life of the brushes, bearing and gearbox. Life expectancy in the range of 2000-5000 hours of operation are common. (although actual service life can vary greatly, depending on the motor design and operating current, voltage, speed and other conditions.)

Dimensions



Gearhead Length

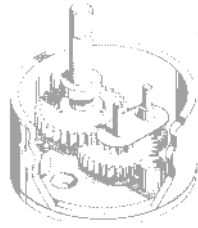
Ratio	L
1/002~1/030	21
1/040~1/180	29
1/200~1/2430	33.7



PGDM-12S37K Series 12VDC, Compact Type Geared Motors

GGM BTH

- Eccentric output shaft gearbox.
- Low noise and low current.
- Long life gearbox.



1/040~1/180

1/200~1/2430

DC Geared Motor Performance Data

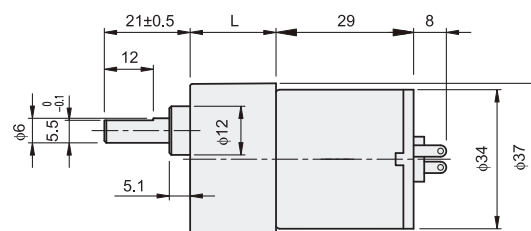
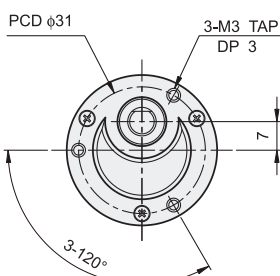
Model	Price ₹	Speed (rpm)	Torque (kgf-cm)	Gear Ratio	Length (mm)	Weight (gm)
PGDM12S37K - 108.3	2290.00	108.3	1.5	1/060	50	200
PGDM12S37K - 81.2		81.2	1.9	1/083	50	200
PGDM12S37K - 72.2		72.2	2.1	1/090	50	200
PGDM12S37K - 36.1		36.1	4.2	1/180	58	210
PGDM12S37K - 30.9		30.9	4.9	1/210	58	210
PGDM12S37K - 21.6		21.6	6	1/300	58	210
PGDM12S37K - 16.2		16.2		1/400	58	210
PGDM12S37K - 10.8		10.8	1/600	58	210	
PGDM12S37K - 7.2		7.2	1/900	62.7	220	
PGDM12S37K - 4		4	1/1620	62.7	220	

KD3429T1

Motor Specifications

Voltage	12 VDC
Current	No Load - 150 mA, Max. Efficiency - 500 mA, Stall - 3.8 A
Speed	No Load - 7500 (r/min), Max. Efficiency 6500 (r/min)
Torque	Max. Efficiency - 40 (gf-cm), Stall - 420 (gf-cm)
Life Expectancy	Life expectancy for DC geared motor is limited primarily by the life of the brushes, bearing and gearbox. Life expectancy in the range of 2000-5000 hours of operation are common. (although actual service life can vary greatly, depending on the motor design and operating current, voltage, speed and other conditions.)

Dimensions



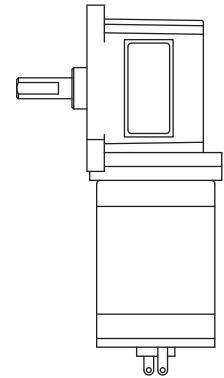
Gearhead Length

Ratio	L
1/002~1/030	21
1/040~1/180	29
1/200~1/2430	33.7



KWSD-2437 Series 24VDC side shaft DC Geared Motors **GGM BTH**

Model	Price ₹	Speed (rpm)	Torque (kgf-cm)	Gear Ratio
KWSD-2437-320	3000.00	320	0.4	1/25
KWSD-2437-160		160	0.9	1/50
KWSD-2437-80		80	1.6	1/100
KWSD-2437-40		40	2.8	1/200
KWSD-2437-21.3		21.3	5.2	1/375
KWSD-2437-16		16	6	1/500
KWSD-2437-10.7		10.7	6	1/750



KD3448S1 Motor Specifications	
Voltage	24 VDC
Current	No Load - 200 mA, at max. efficiency - 500 mA, at stall - 3.5 A
Speed	No Load - 9000 (r/min), at max. efficiency 8000 (r/min)
Torque	At max. efficiency - 80 (gf-cm), at stall - 750 (gf-cm)

KWSD-1237 Series 12VDC side shaft DC Geared Motors **GGM BTH**

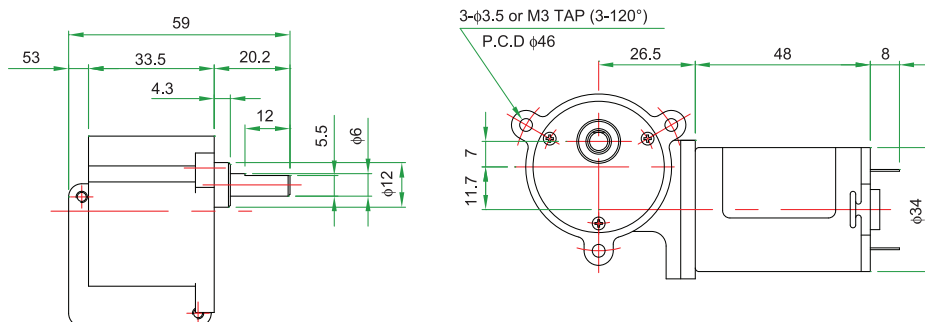
Model	Price ₹	Speed (rpm)	Torque (kgf-cm)	Gear Ratio
KWSD-1237-320	3000.00	320	0.4	1/25
KWSD-1237-160		160	0.9	1/50
KWSD-1237-80		80	1.6	1/100
KWSD-1237-40		40	2.8	1/200
KWSD-1237-21.3		21.3	5.2	1/375
KWSD-1237-16		16	6	1/500
KWSD-1237-10.7		10.7	6	1/750



KD3448S1 Motor Specifications	
Voltage	12 VDC
Current	No Load - 300 mA, at max. efficiency - 800 mA, at stall - 5.5 A
Speed	No Load - 9000 (r/min), at max. efficiency 8000 (r/min)
Torque	At max. efficiency - 80 (gf-cm), at stall - 670 (gf-cm)

Life Expectancy
 Life expectancy for DC geared motor is limited primarily by the life of the brushes, bearing and gearbox. Life expectancy in the range of 2000-5000 hours of operation are common. (although actual service life can vary greatly, depending on the motor design and operating current, voltage, speed and other conditions.)

■ Dimensions



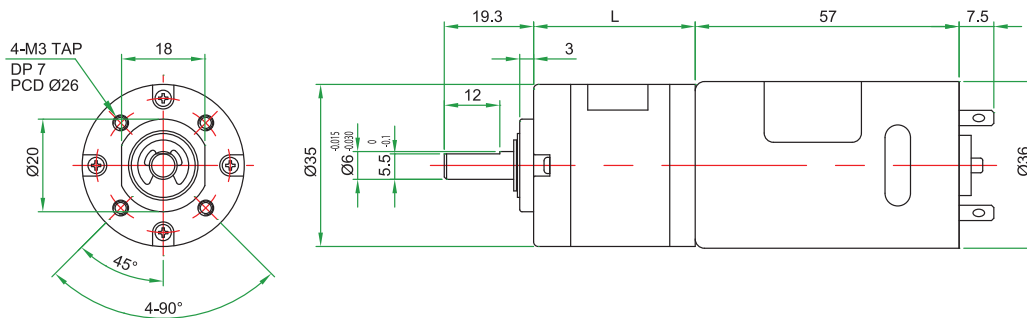
K2435 Series 24VDC Planetary DC Geared Motors

GGM BTH

Model	Price ₹	Speed (rpm)	Torque (kgf-cm)	Gear Ratio
K2435-185	5300.00	185	4.2	1/27
K2435-70		70	10	1/71
K2435-50		50	12	1/100
K2435-26.4		26.4	12	1/189
K2435-70		21.3	5.2	1/375



KD3657U2 Motor Specifications	
Voltage	24 VDC
Current	No Load - 150 mA, at max. efficiency - 900 mA, at stall - 5 A
Speed	No Load - 6000 r/min, at max. efficiency 5000 r/min
Torque	At max. efficiency - 200 gf-cm, at stall - 1.6 kgf-cm



K2422 Series 24VDC Planetary DC Geared Motors

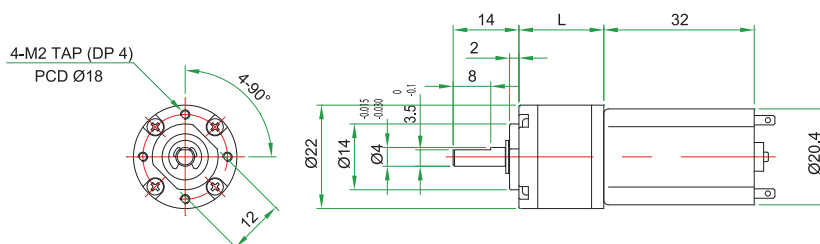
GGM BTH


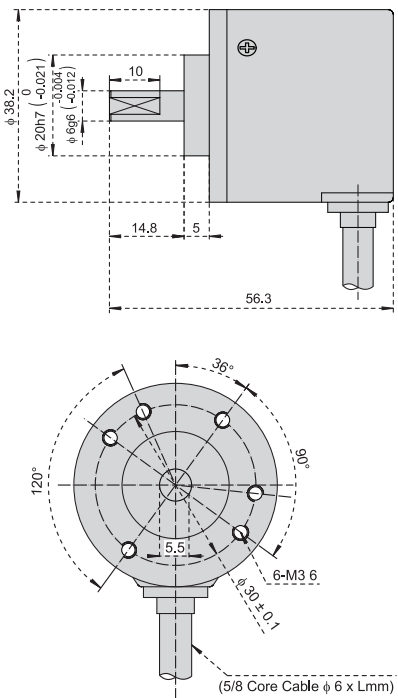
K2422-32	4030.00	32	2.2	1/231
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KD2032P2 Motor Specifications	
Voltage	24 VDC
Current	No Load - 55 mA, at max. efficiency - 150 mA, at stall - 0.6 A
Speed	No Load - 9000 (r/min), at max. efficiency 7400 (r/min)
Torque	At max. efficiency - 25 (gf-cm), at stall - 136 (gf-cm)
Life Expectancy	Life expectancy for DC geared motor is limited primarily by the life of the brushes, bearing and gearbox. Life expectancy in the range of 2000-5000 hours of operation are common. (although actual service life can vary greatly, depending on the motor design and operating current, voltage, speed and other conditions.)


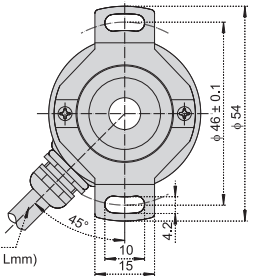



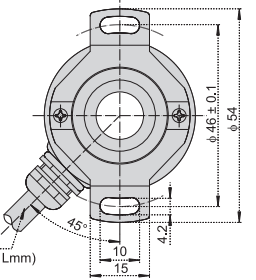


■ Dimensions



Model	Price ₹	Description	Appearance / Dimension	BTH [▶]
NPN O/C				
BI-38S-30-NU	6270.00	30 Pulses, NPN	Overall dia 38mm Shaft dia 6mm Output Circuit Open Collector NPN Supply Voltage 5~24VDC Output Signal ABZ	<div data-bbox="1069 168 1244 212" style="border: 1px solid black; border-radius: 10px; padding: 2px; display: inline-block; color: white; background-color: #800000;">BI-38-S6</div> 
BI-38S-50-NU		---DO--- but 50 Pulses		
BI-38S-60-NU		---DO--- but 60 Pulses		
BI-38S-100-NU		---DO--- but 100 Pulses		
BI-38S-200-NU		---DO--- but 200 Pulses		
BI-38S-250-NU		---DO--- but 250 Pulses		
BI-38S-300-NU	6600.00	---DO--- but 300 Pulses		
BI-38S-360-NU		---DO--- but 360 Pulses		
BI-38S-400-NU		---DO--- but 400 Pulses		
BI-38S-500-NU	6820.00	---DO--- but 500 Pulses		
BI-38S-600-NU		---DO--- but 600 Pulses		
BI-38S-720-NU		---DO--- but 720 Pulses		
BI-38S-1000-NU	7920.00	---DO--- but 1000 Pulses		
BI-38S-1024-NU		---DO--- but 1024 Pulses		
BI-38S-1800-NU	8910.00	---DO--- but 1800 Pulses		
BI-38S-2000-NU		---DO--- but 2000 Pulses		
BI-38S-2500-NU		---DO--- but 2500 Pulses		
BI-38S-3600-NU	10890.00	---DO--- but 3600 Pulses		
BI-38S-5000-NU		---DO--- but 5000 Pulses		
Push Pull				
BI-38S-30-PU	6270.00	30 Pulses, Push pull	Overall dia 38mm Shaft dia 6mm Output Circuit Push Pull Supply Voltage 5~24VDC Output Signal ABZ	
BI-38S-50-PU		---DO--- but 50 Pulses		
BI-38S-60-PU		---DO--- but 60 Pulses		
BI-38S-100-PU		---DO--- but 100 Pulses		
BI-38S-200-PU		---DO--- but 200 Pulses		
BI-38S-250-PU		---DO--- but 250 Pulses		
BI-38S-300-PU	6600.00	---DO--- but 300 Pulses		
BI-38S-360-PU		---DO--- but 360 Pulses		
BI-38S-400-PU		---DO--- but 400 Pulses		
BI-38S-500-PU	6820.00	---DO--- but 500 Pulses		
BI-38S-600-PU		---DO--- but 600 Pulses		
BI-38S-720-PU		---DO--- but 720 Pulses		
BI-38S-1000-PU	7920.00	---DO--- but 1000 Pulses		
BI-38S-1024-PU		---DO--- but 1024 Pulses		
BI-38S-1800-PU	8910.00	---DO--- but 1800 Pulses		
BI-38S-2000-PU		---DO--- but 2000 Pulses		
BI-38S-2500-PU		---DO--- but 2500 Pulses		
BI-38S-3600-PU	10890.00	---DO--- but 3600 Pulses		
BI-38S-5000-PU		---DO--- but 5000 Pulses		
Line Driver				
BI-38S-250-L5	6820.00	250 Pulses, Line Driver	Overall dia 38mm Shaft dia 6mm Output Circuit Line Driver Supply Voltage 5VDC Signal A \bar{A} B \bar{B} Z \bar{Z}	
BI-38S-500-L5	7150.00	---DO--- but 500 Pulses		
BI-38S-1000-L5		---DO--- but 1000 Pulses		
BI-38S-1024-L5		---DO--- but 1024 Pulses		
BI-38S-2000-L5	8250.00	---DO--- but 2000 Pulses		
BI-38S-2500-L5		---DO--- but 2500 Pulses		
BI-38S-3600-L5	9900.00	---DO--- but 3600 Pulses		
BI-38S-5000-L5	12100.00	---DO--- but 5000 Pulses		

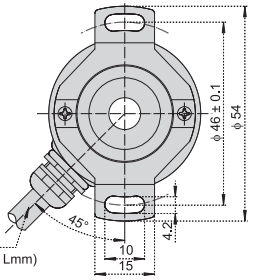
The specification & prices are subject to change without prior notice
 GST & Freight extra as Applicable All dimensions in mm

Model	Price ₹	Description	Appearance / Dimension	BTH [▶]
NPN O/C				
BI-38-H8-360-NU	7590.00	360 Pulses, NPN Open Collector	Overall dia 38.2mm, Height 32mm, Through Hollow dia 8mm, NPN Open Collector Supply Voltage 5~24VDC, Output Signal ABZ	
BI-38-H8-500-NU		----DO---- but 500 Pulses		
BI-38-H8-1000-NU		----DO---- but 1000 Pulses		
BI-38-H8-1024-NU		----DO---- but 1024 Pulses		
BI-38-H8-2000-NU	8580.00	----DO---- but 2000 Pulses		
Push Pull				
BI-38-H8-100-PU	7590.00	100 Pulses, Totem Pole	Overall dia 38.2mm, Height 32mm, Through Hollow dia 8mm, Push Pull Supply Voltage 5~24VDC, Output Signal ABZ	
BI-38-H8-360-PU		----DO---- but 360 Pulses		
BI-38-H8-500-PU		----DO---- but 500 Pulses		
BI-38-H8-1000-PU		----DO---- but 1000 Pulses		
BI-38-H8-1024-PU		----DO---- but 1024 Pulses		
BI-38-H8-2000-PU	8580.00	----DO---- but 2000 Pulses		
BI-38-H8-2500-PU		----DO---- but 2500 Pulses		
BI-38-H8-3600-PU	10450.00	----DO---- but 3600 Pulses		
Line Driver				
BI-38-H8-100-L-5	7590.00	100 Pulses, Line Driver	Overall dia 38.2mm, Height 32mm, Through Hollow dia 8mm, Line Driver Supply Voltage 5VDC, Output Signal A \bar{A} B \bar{B} Z \bar{Z}	
BI-38-H8-256-L-5		----DO---- but 256 Pulses		
BI-38-H8-360-L-5		----DO---- but 360 Pulses		
BI-38-H8-1000-L-5		----DO---- but 1000 Pulses		
BI-38-H8-1024-L-5		----DO---- but 1024 Pulses		
BI-38-H8-2000-L-5	8580.00	----DO---- but 2000 Pulses		
BI-38-H8-2048-L-5		----DO---- but 2048 Pulses		
BI-38-H8-2500-L-5		----DO---- but 2500 Pulses		
NPN O/C				
BI-38-H10-200-NU	7590.00	200 Pulses, NPN Open Collector	Overall dia 38.2mm, Height 32mm, Through Hollow dia 10mm, NPN Open Collector Supply Voltage 5~24VDC, Output Signal ABZ	
BI-38-H10-500-NU		----DO---- but 500 Pulses		
BI-38-H10-1000-NU		----DO---- but 1000 Pulses		
BI-38-H10-1024-NU		----DO---- but 1024 Pulses		
BI-38-H10-2000-NU	8580.00	----DO---- but 2000 Pulses		
BI-38-H10-2500-NU		----DO---- but 2500 Pulses		
Push Pull				
BI-38-H10-100-PU	7590.00	100 Pulses, Push Pull	Overall dia 38.2mm, Height 32mm, Through Hollow dia 10mm, Push Pull Supply Voltage 5~24VDC, Output Signal ABZ	
BI-38-H10-360-PU		----DO---- but 360 Pulses		
BI-38-H10-500-PU		----DO---- but 500 Pulses		
BI-38-H10-1000-PU		----DO---- but 1000 Pulses		
BI-38-H10-1024-PU		----DO---- but 1024 Pulses		
BI-38-H10-2000-PU	8580.00	----DO---- but 2000 Pulses		
BI-38-H10-2048-PU		----DO---- but 2048 Pulses		
BI-38-H10-2500-PU		----DO---- but 2500 Pulses		
Line Driver				
BI-38-H10-500-L-5	7590.00	500 Pulses, Line Driver	Overall dia 38.2mm, Height 32mm, Through Hollow dia 10mm, Line Driver Supply Voltage 5VDC, Output Signal A \bar{A} B \bar{B} Z \bar{Z}	
BI-38-H10-1000-L-5		----DO---- but 1000 Pulses		
BI-38-H10-1024-L-5		----DO---- but 1024 Pulses		
BI-38-H10-2000-L-5	8580.00	----DO---- but 2000 Pulses		
BI-38-H10-2048-L-5		----DO---- but 2048 Pulses		
BI-38-H10-2500-L-5		----DO---- but 2500 Pulses		

BI-38-H8



Dimension Drawing



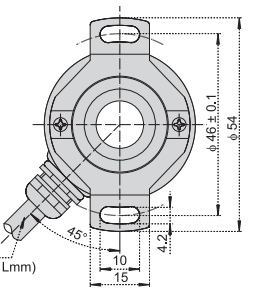
(5/8 Core Cable ϕ 6 x Lmm)

BI-38-H hollow shaft encoder is widely used in light industries, especially in printing and packaging industries. With its small size, light weight, and high precision, it fully meets the controlling requirements of the modern light industries. The hollow shaft design is a space and cost saver. It's one of the most recommended choices in the consideration of performance and cost.

BI-38-H10




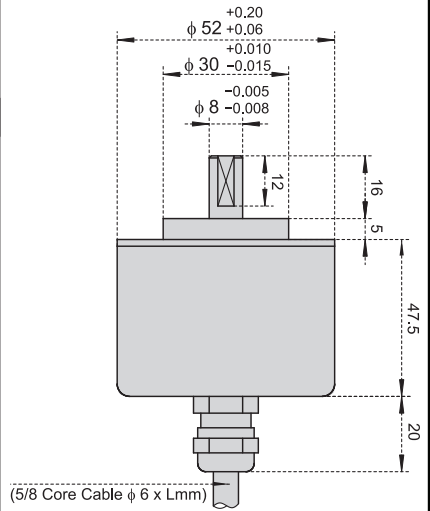
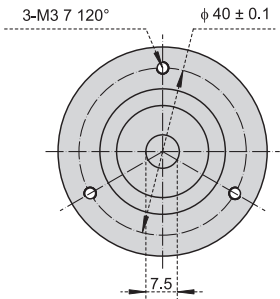
Dimension Drawing



(5/8 Core Cable ϕ 6 x Lmm)

Model	Price ₹	Description	Appearance / Dimension	BTH [▶]
NPN O/C				
BI-38-H12-200-NU	7590.00	200 Pulses, NPN Open Collector	Overall dia 38.2mm, Height 32mm, Through Hollow dia 12mm, NPN Open Collector Supply Voltage 5~24VDC, Output Signal ABZ	
BI-38-H12-360-NU		---DO--- but 360 Pulses		
BI-38-H12-500-NU		---DO--- but 500 Pulses		
BI-38-H12-1000-NU		---DO--- but 1000 Pulses		
BI-38-H12-1024-NU		---DO--- but 1024 Pulses		
BI-38-H12-2000-NU	8580.00	---DO--- but 2000 Pulses		
BI-38-H12-2500-NU		---DO--- but 2500 Pulses		
Push Pull				
BI-38-H12-100-PU	7590.00	100 Pulses, Push Pull	Overall dia 38.2mm, Height 32mm, Through Hollow dia 12mm, Push Pull Supply Voltage 5~24VDC, Output Signal ABZ	
BI-38-H12-360-PU		---DO--- but 360 Pulses		
BI-38-H12-500-PU		---DO--- but 500 Pulses		
BI-38-H12-1000-PU		---DO--- but 1000 Pulses		
BI-38-H12-1024-PU		---DO--- but 1024 Pulses		
BI-38-H12-2048-PU	8580.00	---DO--- but 2048 Pulses		
BI-38-H12-2500-PU		---DO--- but 2500 Pulses		
BI-38-H12-3600-PU	9350.00	---DO--- but 3600 Pulses		
Line Driver				
BI-38-H12-360-L-5	7590.00	360 Pulses, Line Driver	Overall dia 38.2mm, Height 32mm, Through Hollow dia 12mm, Line Driver Supply Voltage 5VDC, Output Signal A \bar{A} B \bar{B} Z \bar{Z}	
BI-38-H12-500-L-5		---DO--- but 500 Pulses		
BI-38-H12-1024-L-5		---DO--- but 1024 Pulses		
BI-38-H12-2000-L-5	8580.00	---DO--- but 2000 Pulses		
BI-38-H12-2500-L-5		---DO--- but 2500 Pulses		
BI-38-H12-3600-L-5	9350.00	---DO--- but 3600 Pulses		
Coupling				
BCH-A-15D-22L-6x6	275.00	Glass fibre body, set screw clamp type, overall dia 15mm, length 22mm, bore 6mm both side, angular misalignment 3°, max rated torque 0.4Nm	 	
BCH-A-19D-25L-8x8	275.00	—DO— but overall dia 19mm, length 25mm, bore 8mm both side		
BCH-S-18D-25L-6x6	415.00	Helical clamp screw fixation type, overall dia 18mm, length 25mm, bore 6mm both side, Aluminium alloy and stainless steel material, angular misalignment 0.1°, max rated torque 0.6Nm, Zero backlash		
BCH-S-18D-25L-8x8		—DO— but overall dia 18mm, length 25mm, bore 8mm both side		
AF-20-4-4-L-28	665.00	4x4mm, overall dia 20mm, length 28mm	 	
AF-20-6-6-L-28		6x6mm, overall dia 20mm, length 28mm		
AF-20-6-8-L-28		6x8mm, overall dia 20mm, length 28mm		
AF-25-6-6-L-32		6x6mm, overall dia 25mm, length 32mm		
AF-25-6-10-L-32		6x10mm, overall dia 25mm, length 32mm		
AF-25-8-8-L-32		8x8mm, overall dia 25mm, length 32mm		
AF-25-8-10-L-32		8x10mm, overall dia 25mm, length 32mm		
AF-25-10-10-L-32		10x10mm, overall dia 25mm, length 32mm		

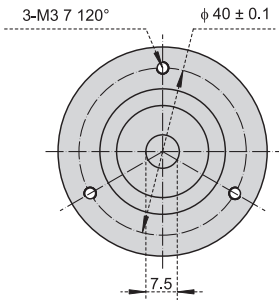
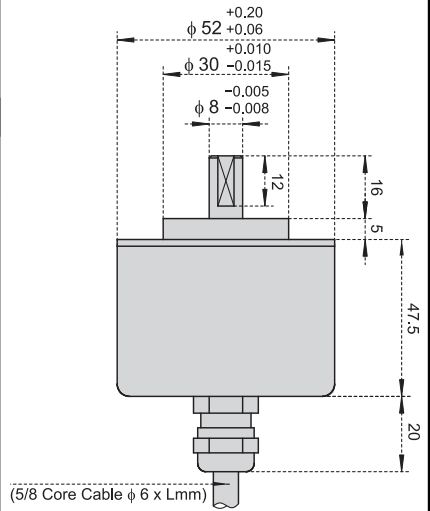
The specification & prices are subject to change without prior notice
GST & Freight extra as Applicable All dimensions in mm

Model	Price ₹	Description	Appearance / Dimension	BTH [®]
NPN O/C				
BI-52S-30-NU	7590.00	30 Pulses, NPN	Overall dia 52mm , Shaft dia 8mm, Output Circuit NPN open Collector Supply Voltage 5~24VDC, Output Signal ABZ	
BI-52S-50-NU		----DO---- but 50 Pulses		
BI-52S-60-NU		----DO---- but 60 Pulses		
BI-52S-100-NU		----DO---- but 100 Pulses		
BI-52S-200-NU		----DO---- but 200 Pulses		
BI-52S-360-NU		----DO---- but 360 Pulses		
BI-52S-400-NU		----DO---- but 400 Pulses		
BI-52S-500-NU		----DO---- but 500 Pulses		
BI-52S-600-NU		----DO---- but 600 Pulses		
BI-52S-720-NU		8250.00		
BI-52S-1000-NU	----DO---- but 1000 Pulses			
BI-52S-1024-NU	----DO---- but 1024 Pulses			
BI-52S-1800-NU	----DO---- but 1800 Pulses			
BI-52S-2000-NU	8800.00	----DO---- but 2000 Pulses		
BI-52S-2500-NU		----DO---- but 2500 Pulses		
BI-52S-3600-NU		----DO---- but 3600 Pulses		
BI-52S-5000-NU	10890.00	----DO---- but 5000 Pulses		
Push Pull				
BI-52S-30-PU	7590.00	30 Pulses, Push pull	Overall dia 52mm , Shaft dia 8mm, Output Circuit Push Pull Supply Voltage 5~24VDC, Output Signal ABZ	
BI-52S-50-PU		----DO---- but 50 Pulses		
BI-52S-60-PU		----DO---- but 60 Pulses		
BI-52S-100-PU		----DO---- but 100 Pulses		
BI-52S-200-PU		----DO---- but 200 Pulses		
BI-52S-360-PU		----DO---- but 360 Pulses		
BI-52S-400-PU		----DO---- but 400 Pulses		
BI-52S-500-PU		----DO---- but 500 Pulses		
BI-52S-600-PU		----DO---- but 600 Pulses		
BI-52S-720-PU		8250.00		
BI-52S-1000-PU	----DO---- but 1000 Pulses			
BI-52S-1024-PU	----DO---- but 1024 Pulses			
BI-52S-1800-PU	----DO---- but 1800 Pulses			
BI-52S-2000-PU	8800.00	----DO---- but 2000 Pulses		
BI-52S-2048-PU		----DO---- but 2048 Pulses		
BI-52S-2500-PU		----DO---- but 2500 Pulses		
BI-52S-3600-PU	9350.00	----DO---- but 3600 Pulses		
BI-52S-5000-PU	10890.00	----DO---- but 5000 Pulses		
Line Driver				
BI-52S-250-L5	8250.00	250 Pulses, Line Driver	Overall dia 52mm , Shaft dia 8mm, Output Circuit Line Driver Supply Voltage 5VDC Signal A \bar{A} B \bar{B} Z \bar{Z}	
BI-52S-500-L5		----DO---- but 500 Pulses		
BI-52S-1000-L5	9020.00	----DO---- but 1000 Pulses		
BI-52S-1024-L5		----DO---- but 1024 Pulses		
BI-52S-2000-L5		----DO---- but 2000 Pulses		
BI-52S-2048-L5		----DO---- but 2048 Pulses		
BI-52S-2500-L5	9350.00	----DO---- but 2500 Pulses		
BI-52S-3600-L5	9900.00	----DO---- but 3600 Pulses		
BI-52S-5000-L5	11550.00	----DO---- but 5000 Pulses		

BI-52-S8



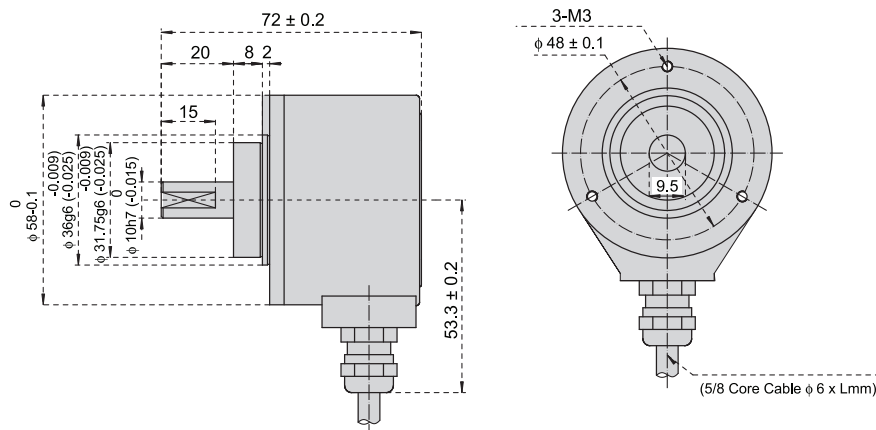
Dimension Drawing






Suitable for angle, position, revolution, speed, acceleration, distance detection.
Wide power supply 5~24VDC (NPN O/C, Push Pull)
Heavy duty structure.
High specification type with up to 5000P/R.

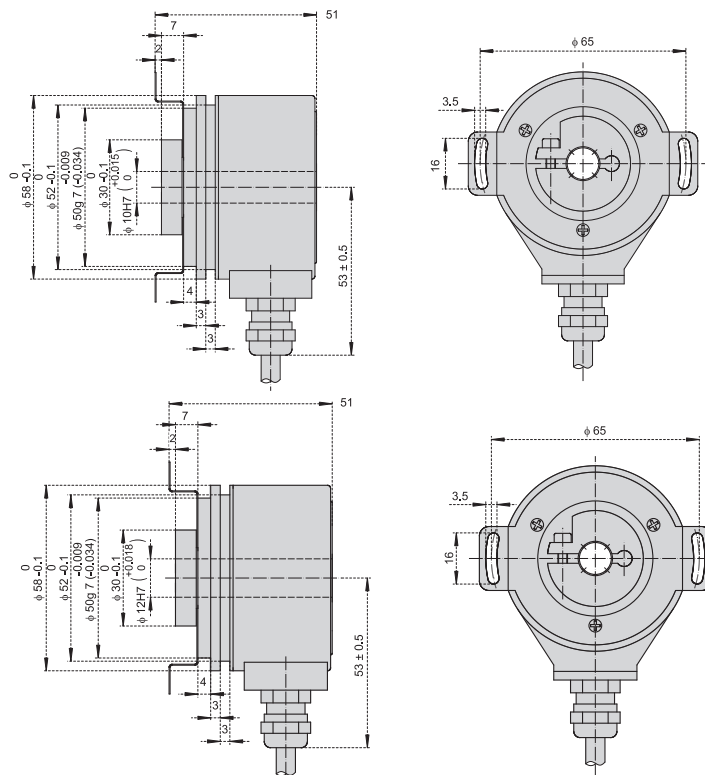
Model	Price ₹	Description	Appearance / Dimension	BTH [▶]
Push Pull Differential				
BI-58S10-100-PPDG	10175.00	100 Pulses, Push pull	Overall dia 58mm , Shaft dia 10mm, Push Pull Differential Supply Voltage 5~24VDC	
BI-58S10-200-PPDG		----DO---- but 200 Pulses		
BI-58S10-250-PPDG		----DO---- but 250 Pulses		
BI-58S10-360-PPDG		----DO---- but 360 Pulses		
BI-58S10-500-PPDG		----DO---- but 500 Pulses		
BI-58S10-1000-PPDG	11550.00	----DO---- but 1000 Pulses		
BI-58S10-1024-PPDG		----DO---- but 1024 Pulses		
BI-58S10-2000-PPDG		----DO---- but 2000 Pulses		
BI-58S10-2048-PPDG		----DO---- but 2048 Pulses		
BI-58S10-2500-PPDG	12375.00	----DO---- but 2500 Pulses		
BI-58S10-5000-PPDG	13750.00	----DO---- but 5000 Pulses		
Line Driver				
BI-58S10-1000-L-5	12100.00	1000 Pulses, Line Driver	Overall dia 58mm , Shaft dia 10mm, Line Driver Shaft Length : 20mm Supply Voltage 5VDC	Output A \bar{A} B \bar{B} Z \bar{Z} Radial 8 Core 2mtr. Cable +Red, -Black A Green, \bar{A} Brown B White, \bar{B} Gray Z Yellow, \bar{Z} Orange
BI-58S10-1024-L-5		----DO---- but 1024 Pulses		
BI-58S10-2048-L-5		----DO---- but 2048 Pulses		
BI-58S10-2500-L-5	12650.00	----DO---- but 2500 Pulses		
BI-58S10-5000-L-5	14300.00	----DO---- but 5000 Pulses		
Coupling				
BCH-S-18D-25L-10x10	415.00	Helical Clamp Screw Fixation Type, Overall Dia 19.6mm, Length 25mm, Bore 10mm both side		
BCS-10A10B-40D65L	2750.00	40mm Dia, 65mm Length, One Side Bore 10mm Other side 10mm		

Dimension Drawing



Model	Price ₹	Description	Appearance / Dimension	BTH [▶]
Push Pull Differential				
BI-58H10-1000-PPDG	12100.00	1000 Pulses, Push pull	Overall dia 58mm , Inside Hollow 10mm, Push Pull Differential Supply Voltage 5~24VDC	
BI-58H10-1024-PPDG		---DO--- but 1024 Pulses		
BI-58H10-2048-PPDG		---DO--- but 2048 Pulses		
BI-58H10-2500-PPDG	12650.00	---DO--- but 2500 Pulses		
BI-58H10-5000-PPDG	14300.00	---DO--- but 5000 Pulses		
Line Driver				
BI-58H10-1000-L-5	12100.00	1000 Pulses, Push pull	Overall dia 58mm , Shaft 10mm Line Driver Shaft Length : 20mm Supply Voltage 5 VDC	<p>Output A \bar{A} B \bar{B} Z \bar{Z} Radial 8 Core 2mtr. Cable +Red, -Black A Green, \bar{A} Brown B White, \bar{B} Gray Z Yellow, \bar{Z} Orange</p>
BI-58H10-1024-L-5		---DO--- but 1024 Pulses		
BI-58H10-2048-L-5		---DO--- but 2048 Pulses		
BI-58H10-2500-L-5	12650.00	---DO--- but 2500 Pulses		
Push Pull Differential				
BI-58H12-1000-PPDG	12100.00	1000 Pulses, Push pull	Overall dia 58mm , Inside Hollow 12mm, Push Pull Differential Supply Voltage 5~24VDC	
BI-58H12-1024-PPDG		---DO--- but 1024 Pulses		
BI-58H12-2048-PPDG		---DO--- but 2048 Pulses		
BI-58H12-2500-PPDG	12650.00	---DO--- but 2500 Pulses		
BI-58H12-5000-PPDG	14300.00	---DO--- but 5000 Pulses		
Line Driver				
BI-58H12-1000-L-5	12100.00	1000 Pulses, Push pull	Overall dia 58mm , Shaft 12mm Line Driver Shaft Length : 20mm Supply Voltage 5 VDC	
BI-58H12-1024-L-5		---DO--- but 1024 Pulses		
BI-58H12-2048-L-5		---DO--- but 2048 Pulses		
BI-58H12-2500-L-5	12650.00	---DO--- but 2500 Pulses		
Push Pull Differential				
BI-80H30-1024-N2-5M	17600.00	1024 Pulses, Push pull	Overall dia 80mm, Hollow dia 30mm	

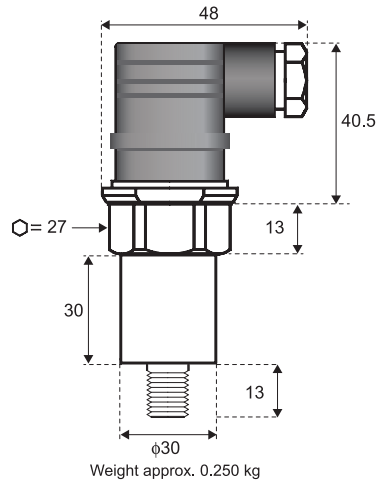
Dimension Drawing



PT3000 Hermetically Sealed Modular Pressure Sensor

BTH[®]

Model	Price ₹
PT 3000-06-1	5500.00
PT 3000-10-1	
PT 3000-16-1	
PT 3000-25-1	
PT 3000-40-1	
PT 3000-60-1	
PT 3000-100-1	

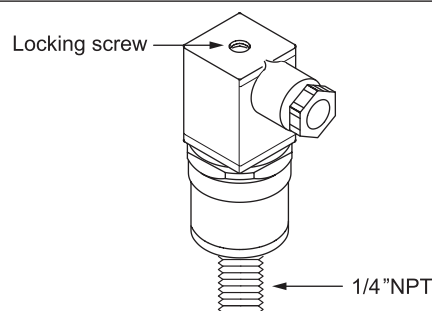
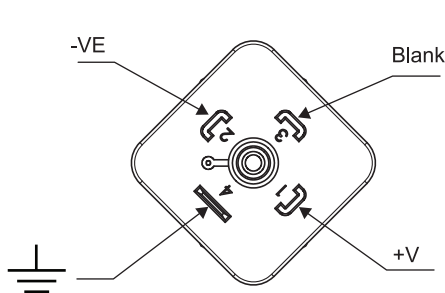



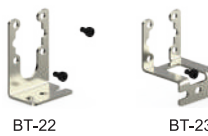





Technical Specifications		PT 3000-06-1	PT 3000-10-1	PT 3000-16-1	PT 3000-25-1	PT 3000-40-1	PT 3000-60-1	PT 3000-100-1
Pressure Ranges from 0 to ...	bar (gauge)	6	10	16	25	40	60	100
Proof Pressure		20	20	32	50	80	120	200
Burst Pressure		30	30	48	75	120	180	300

Electrical				
Output Signal	4~20mA			
Operating Supply Voltage	12~30VDC			
Power Consumption	≤600mW			
Load	>4.7kΩ			
Overvoltage Protection	Max 33V			
PIN Assignment	Current Output			
Connector	PIN 1	PIN 2	PIN 3	PIN 4
DIN 18 mm	Vsup	Iout	—	≡
Response Time	≤ 2 ms max. to 63% of full scale pressure with step change on input			
Accuracy *	≤ 0.5% of span 0.1% of span			
Non-linearity *	0.1% of span			
Non-repeatability	0.1% of span			
1-year Stability	0.2% of span			

* Including non-linearity, hysteresis, non-repeatability, zero point and full scale error. Adjusted in vertical mounting position with pressure port down.

Temperatures	
Medium	-30°C to +80°C
Environmental	-30°C to +100°C (depending on electrical connector and external seal ring)
Weight	260g



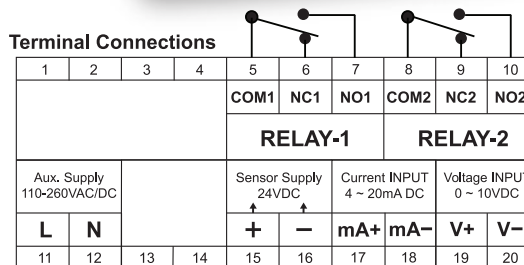
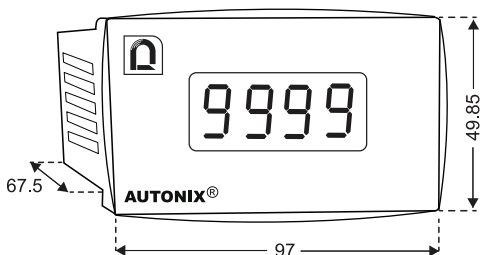
Model	Price ₹	Specification	Appearance / Dimension / Features	BTH
KP47 Series Pressure Sensor				
P47C-02-F1 2 NPN output P47C-04-F1 2 PNP output P47V-02-F1 2 NPN output P47V-04-F1 2 PNP output P47P-02-F1 2 NPN output P47P-04-F1 2 PNP output P47P-01-F1 2 NPN output + 1~5V Analog Output P47P-03-F1 2 PNP output + 1~5V Analog Output	5200.00	COMPOUND Set pressure range -103.0 ~ -103.0kPa Rated pressure range -100 ~ 100.0kPa Withstand Pressure 500kPa VACUUM Set pressure range 10.0 ~ -103.0kPa Rated pressure range 0.0 ~ -101.3kPa Resolution 0.1kPa, 0.001kgf/cm ² , 0.001bar, 0.01psi, 0.1inHg, 1mmHg POSITIVE Set pressure range -0.103 ~ 1.030MPa Rated pressure range -0.100 ~ 1.000MPa Resolution 0.001MPa, 0.01kgf/cm ² , 0.01bar, 0.1psi Withstand Pressure 1.5MPa	 Pressure port R1/8", M5  BT-22 BT-23	Simultaneous display of PV & SV 3-color digital display Removable connector Programmable pressure unit kPa, MPa, kgf/cm ² , bar, psi, inHg, mmHg Key Lock Power save mode Filtered air, Non-corrosive / Non-flammable gas 12~24VDC IP40
BT-22	165.00	Mounting Bracket for KP47 Series		Horizontal (Wall Mount)
BT-23				Vertical (Foot Mount)
PA-D	550.00	Panel mounting bracket (PA-3+PA-4+FPC-2)		Horizontal (Wall Mount)
KP43 Series Pressure Sensor				
P43V-011-F1 2 NPN output + 4~20mA Analog Output P43V-031-F1 2 PNP output + 4~20mA Analog Output P43V-02-F1 2 NPN output + Copy function P43V-04-F1 2 PNP output + Copy function P43P-011-F1 2 NPN output + 4~20mA Analog Output P43P-031-F1 2 PNP output + 4~20mA Analog Output P43P-02-F1 2 NPN output + Copy function P43P-04-F1 2 PNP output + Copy function	6825.00	VACCUM Set pressure range 10.0 ~ -101.3kPa Rated pressure range 0.0 ~ -101.3kPa Resolution 0.1kPa, 0.001kgf/cm ² , 0.001bar, 0.01psi, 0.1inHg, 1mmHg Withstand Pressure 300kPa POSITIVE Set pressure range -0.100 ~ 1.000MPa Rated pressure range 0.000 ~ 1.000MPa Resolution 0.001MPa, 0.01kgf/cm ² , 0.01bar, 0.1psi Withstand Pressure 1.5MPa	 Pressure port R1/8", M5  BT-12 BT-13 PA-D	Simultaneous display of PV & SV 3-color digital display 4~20mA Analg output Copy function Removable connector Programmable pressure unit kPa, MPa, kgf/cm ² , bar, psi, inHg, mmHg Key lock Power save mode Filtered air, Non-corrosive / Non-flammable gas 12~24VDC IP40
BT-12	225.00	Mounting Bracket for KP47 Series		Horizontal (Wall Mount)
BT-13				Vertical (Foot Mount)
PA-D	550.00	Panel mounting bracket (PA-3+PA-4+FPC-2)		Accessories for panel mount
KP45 Series Pressure Sensor				
P45V-011-F1 2 NPN output + 4~20mA Analog Output P45V-031-F1 2 PNP output + 4~20mA Analog Output P45P-011-F1 2 NPN output + 4~20mA Analog Output P45P-031-F1 2 PNP output + 4~20mA Analog Output	8775.00	VACUUM Set pressure range 10.0 ~ -101.3kPa Rated pressure range 0.0 ~ -101.3kPa Resolution 0.1kPa, 0.001kgf/cm ² , 0.001bar, 0.01psi, 0.1inHg Withstand Pressure 300kPa POSITIVE Set pressure range -0.100 ~ 1.000MPa Rated pressure range 0.000 ~ 1.000MPa Resolution 0.001MPa, 0.01kgf/cm ² , 0.01bar, 0.1psi Withstand Pressure 1.5MPa	 Pressure port R1/8", M5  BT-10 PA-E	2-color digital LCD display 4~20mA Analg output Removable connector Programmable pressure unit kPa, MPa, kgf/cm ² , bar, psi, inHg Key lock Power save mode Filtered air, Non-corrosive / Non-flammable gas 12~24VDC IP65
BT-10	225.00	Mounting Bracket for KP45 Series		Horizontal (Wall Mount)
PA-E	400.00	Panel mounting bracket		Accessories for panel mount
KFP01 Digital Flow & Pressure Sensor				
KFP01-050-010-R6 Air flow 5L/min KFP01-100-010-R6 Air flow 10L/min	24375.00	Flow Flow rate & Prssure simuntaneous monitoring Accumulated flow rate display Dry air, N ₂ , Non-corrosive / Non-flammable gas 2 NPN output + Analog 1 ~ 5VDC	 BT-26	Unidirection Flow 4+4 Digit LCD display Range 2~100% F.S. 12 ~ 24 V DC 0~50°C (Non condensation) IP40
BT-26	195.00	Bracket for KFP		Mounting Bracket

The specification & prices are subject to change without prior notice
 GST & Freight extra as Applicable All dimensions in mm

Process Controller



Model	Price ₹
DAV-44R	2500.00



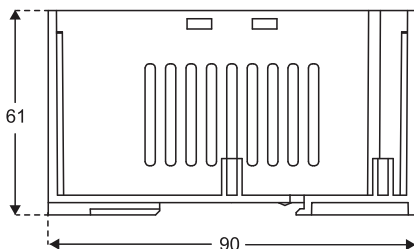
Technical Specifications

Input	DC analog inputs (4 ~ 20mA / 0 ~ 10V) Resolution: Decimal point position selectable: 1 / 0.1 / 0.01 / 0.001 for analog input Indication accuracy: 0.25% of F.S. (F.S. = Full Scale)
Output	Alarm. Relay Contact (SPDT): 5A @ 250VAC resistive, Sensor Supply: 24VDC, 30mA
Alarms	2 alarms, Modes: High / Low / High-Low
Function	Hysteresis: 0.1 to 99.9 (as per decimal point selected), Annunciator: Programmable Reset Action: Automatic or Latched
Auxiliary Supply	Supply Voltage: 110 to 260VAC / DC (50 / 60Hz)

Sensor Controller


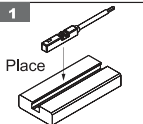
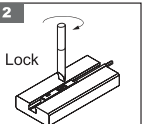
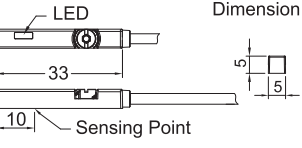

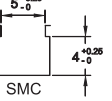


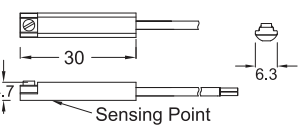

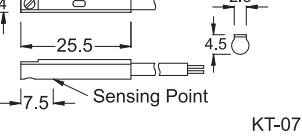
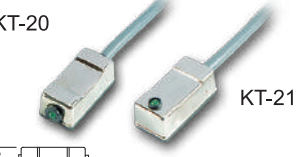
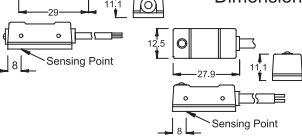


Model	Price ₹
PU-1Z	1250.00

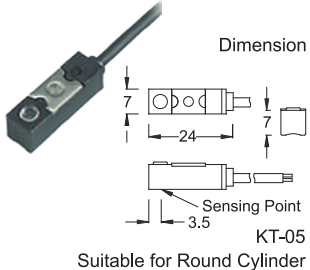
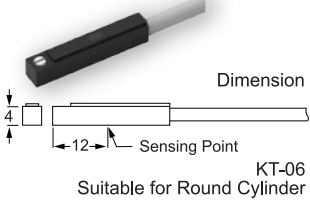
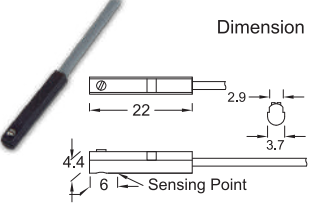
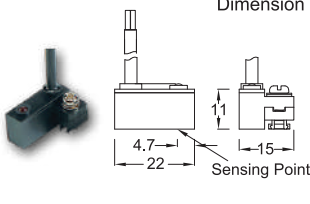
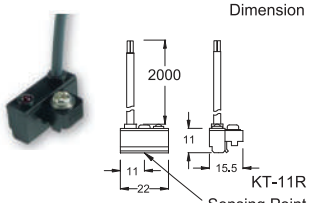
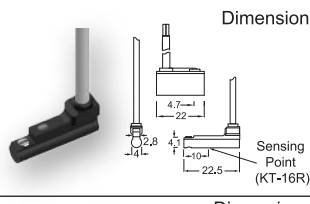
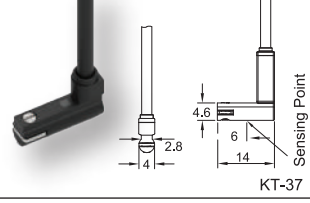
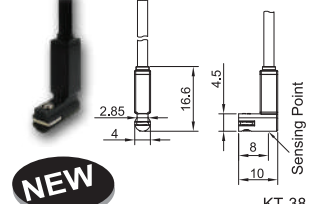


Technical Specifications


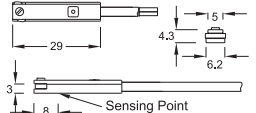


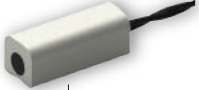


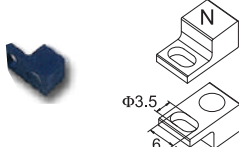
Input	Selectable NPN / PNP/ Contact, Power for proximity sensor: 12VDC, 50mA																																																																																																														
Input Signal	PNP	NPN	Two Wire / Contact																																																																																																												
Terminal Connections	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>NO</td><td>C</td><td>NC</td><td>NO</td><td>C</td><td>N</td></tr> <tr><td colspan="3">RELAY 1</td><td colspan="3">RELAY 2</td></tr> <tr><td colspan="6"></td></tr> <tr><td>PNP O/P</td><td>-</td><td>+</td><td>NPN O/P</td><td>L</td><td>N</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	NO	C	NC	NO	C	N	RELAY 1			RELAY 2									PNP O/P	-	+	NPN O/P	L	N	7	8	9	10	11	12	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>NO</td><td>C</td><td>NC</td><td>NO</td><td>C</td><td>N</td></tr> <tr><td colspan="3">RELAY 1</td><td colspan="3">RELAY 2</td></tr> <tr><td colspan="6"></td></tr> <tr><td>O/P PNP</td><td>-</td><td>+</td><td>O/P NPN</td><td>L</td><td>N</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	NO	C	NC	NO	C	N	RELAY 1			RELAY 2									O/P PNP	-	+	O/P NPN	L	N	7	8	9	10	11	12	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>NO</td><td>C</td><td>NC</td><td>NO</td><td>C</td><td>N</td></tr> <tr><td colspan="3">RELAY 1</td><td colspan="3">RELAY 2</td></tr> <tr><td colspan="6"></td></tr> <tr><td>PNP O/P</td><td>-</td><td>+</td><td>NPN O/P</td><td>L</td><td>N</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	NO	C	NC	NO	C	N	RELAY 1			RELAY 2									PNP O/P	-	+	NPN O/P	L	N	7	8	9	10	11	12
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RELAY 1			RELAY 2																																																																																																												
PNP O/P	-	+	NPN O/P	L	N																																																																																																										
7	8	9	10	11	12																																																																																																										
Supply	230VAC power supply (110VAC available on request), Approx. 4VA consumption power																																																																																																														
Output	2 # Relay (NO, C, NC), Capacity: 250VAC, 3A (at resistive load)																																																																																																														
Enclosure	Flame retardant UL94VO, Terminal protection plate PC																																																																																																														
Mounting	Rail mount or foot mount																																																																																																														

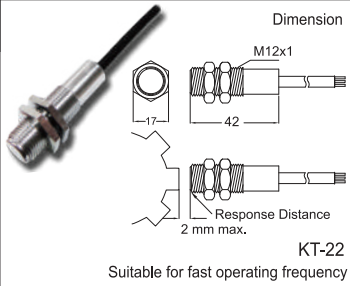

Model	Price ₹	Specification	Appearance / Dimension
Magnetic Sensor for Hydraulic & Pneumatic Cylinders			BTH
KT-65			
KT-65R-2M	1030.00	2 Wire, Reed switch type sensor	 <p>Set-screw near center position to prevent sensor from moving</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1</p>  <p>Place</p> </div> <div style="text-align: center;"> <p>2</p>  <p>Lock</p> </div> </div> <div style="margin-top: 10px;">  <p>LED Dimension</p> <p>33 5 5</p> <p>10 Sensing Point</p> <p>Common cylinder slot dimensions</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>FESTO</p> </div> <div style="text-align: center;">  <p>SMC</p> </div> </div> </div>
KT-65R-QD	1250.00	-DO- but with male straight cable plug	
KT-65RP-1M	1010.00	3 Wire, Reed sensor SPST Normally Open	
KT-65PE-2M <small>(Old version KT-65P-1M)</small>	1380.00	3 Wire, PNP Current Sourcing	
KT-65NE-2M <small>(Old version KT-65N-1M)</small>		3 Wire, NPN Current Sinking	
KT-65PE-QD <small>(Old version KT-65P-QD)</small>	1620.00	3 Wire, PNP Current Sourcing with male straight cable plug	
KT-65NE-QD <small>(Old version KT-65N-QD)</small>		3 Wire NPN Current Sinking with male straight cable plug	
Fits in most T- slot (FESTO 5.4mm, SMC 5.0mm) Replace KT30, KT32, KT40, KT50, KT53, KT60, KT62			
KT-50			
KT-50R-2M	1030.00	2 Wire, Reed switch type sensor	 <p>Dimension</p>  <p>30 6.3</p> <p>4.7 Sensing Point</p> <p>KT-50 Suitable for Festo T Slot Round / ISO Profile / Tie-Rod Cylinder</p>
KT-50R-QD	1250.00	-DO- but with male straight cable plug	
KT-50RP-1M	1010.00	3 Wire, Reed sensor, SPST Normally Open	
KT-50P-1M	1660.00	3 Wire, PNP Current Sourcing	
KT-50N-1M		3 Wire, NPN Current Sinking	
KT-50P-QD	1950.00	3 Wire, PNP Current Sourcing with male straight cable plug	
KT-50N-QD		3 Wire, NPN Current Sinking with male straight cable plug	
KT-50D-QD		2 Wire, Solid State Output, Normally Open	
KT-07			 <p>Dimension</p>  <p>25.5 2.8 4.5</p> <p>7.5 Sensing Point</p> <p>KT-07 Suitable for SMC C Slot Cylinder</p>
KT-072R-2M	1060.00	2 Wire, Reed switch type sensor	
KT-072R-QD	1350.00	-DO- but with male straight cable plug	
KT-07PE-2M <small>(Old version KT-07P-1M)</small>	1300.00	3 Wire, PNP Current Sourcing	
KT-07NE-1M <small>(Old version KT-07N-1M)</small>		3 Wire, NPN Current Sinking	
KT-07PE-QD <small>(Old version KT-07P-QD)</small>	1700.00	3 Wire, PNP Current Sourcing with male straight cable plug	
KT-07NE-QD <small>(Old version KT-07N-QD)</small>		3 Wire, NPN Current Sinking with male straight cable plug	
KT-20 & 21			
KT-20R-2M	950.00	2 Wire, Reed switch type sensor	 <p>Dimension</p>  <p>12.5 11.1 29 8 27.5 11.1 8</p> <p>Sensing Point</p> <p>Suitable for Round / ISO Profile / Tie-Rod Cylinder</p>
KT-21R		-DO- but LED on Top	
KT-20PE-1M <small>(Old version KT-20P-1M)</small>	1300.00	3 Wire, PNP Current Sourcing	
KT-20NE-1M <small>(Old version KT-20N-1M)</small>		3 Wire, NPN Current Sinking	

The specification & prices are subject to change without prior notice
GST & Freight extra as Applicable All dimensions in mm

Model	Price ₹	Specification		Appearance / Dimension
KT-05				
KT-05R	950.00	2 Wire, Reed switch type sensor	5~240V DC/AC, switching current 100mA, Voltage drop 3.5Vmax, NO (SPST), Red LED, Magnet 55 Gauss, Freq. 200Hz.	 <p>Dimension</p> <p>7 24 7</p> <p>Sensing Point 3.5</p> <p>KT-05</p> <p>Suitable for Round Cylinder</p>
KT-05PE-1M (Old version KT-05P-1M)	1385.00	3 Wire, PNP Current Sourcing	3 Wire 5~30VDC, switching current 200mA, Voltage drop 1V, LED-PNP-Red, LED-NPN-Green, Magnet 40 Gauss, Freq. 1kHz. Reverse Polarity, Surge Supression Protection	
KT-05NE-1M (Old version KT-05N-1M)		3 Wire, NPN Current Sinking		
KT-06				
KT-06R-2M	1020.00	2 Wire, Reed switch type sensor	5~120V DC/AC, switching current 100mA, Voltage drop 3.5Vmax, NO (SPST), Red LED, Magnet 70 Gauss, Freq. 200Hz.	 <p>Dimension</p> <p>4 12</p> <p>Sensing Point</p> <p>KT-06</p> <p>Suitable for Round Cylinder</p>
KT-58				
KT-58P-1M	1660.00	3 Wire, PNP Current Sourcing	3 Wire 5~30VDC, switching current 200mA, max, Voltage drop 0.5V, LED-PNP-Yellow, LED-NPN-Red, Magnet 40 Gauss, Freq. 1kHz., Reverse polarity & Surge suppression protection	 <p>Dimension</p> <p>22 2.9 3.7</p> <p>4.4 6</p> <p>Sensing Point</p> <p>KT-58</p> <p>Suitable for Festo C Slot</p>
KT-58N-1M		3 Wire, NPN Current Sinking		
KT-58RP-1M	1010.00	3 Wire, Reed sensor SPST Normally Open	10~30V DC/AC, switching current 500mA, max, Yellow LED, Operating Frequency 200Hz	
KT-33 Top Entry Cable				
KT-33R	950.00	2 Wire, Reed switch type sensor	5~240V DC/AC, switching current 100mA, Voltage drop 3.5Vmax, NO (SPST), Red LED Magnet 80 Gauss, Freq. 200Hz.	 <p>Dimension</p> <p>4.7 22 15</p> <p>Sensing Point</p> <p>KT-33</p> <p>Suitable for SMC T Slot</p>
KT-33P-1M	1540.00	3 Wire, PNP Current Sourcing	5~30VDC, Switching current 200mA. Voltage drop 1.5V, LED-PNP-Green, LED-NPN-Red, Magnet 70 Gauss, Freq. 1kHz., Reverse polarity, Surge suppression protection	
KT-33N-1M		3 Wire, NPN Current Sinking		
KT-11 Top Entry Cable				
KT-11R-2M	1020.00	2 Wire, Reed switch type sensor	5~240V DC/AC, switching current 100mA, Voltage drop 3.5V max, NO (SPST), Red LED Magnet 70 Gauss, Freq. 200Hz.	 <p>Dimension</p> <p>2000 11 15.5</p> <p>11 22</p> <p>Sensing Point</p> <p>KT-11R</p>
KT-16 Top Entry Cable				
KT-16R	1020.00	2 Wire, Reed switch type sensor	5~120V DC/AC, switching current 100mA, Voltage drop 3.5Vmax, NO (SPST), Red LED Magnet 70 Gauss, Freq. 200Hz.	 <p>Dimension</p> <p>2.8 4.7 4.5 10 22.5</p> <p>Sensing Point (KT-16R)</p>
KT-37 Top Entry Cable				
KT-37DE	1360.00	2 Wire, Solid state output, Normally Open	5~30VDC, switching current 50mA, 1kHz, Voltage drop 3.5V max. Red LED	 <p>Dimension</p> <p>4.8 2.8 6 14</p> <p>Sensing Point</p> <p>KT-37</p>
KT-37PE		3 Wire, PNP Current Sourcing	5~30VDC, Switching current 50mA. Voltage drop 0.5V, LED-PNP/NPN-RED, Freq. 1kHz., Reverse polarity, Surge suppression protection	
KT-37NE		3 Wire, NPN Current Sinking		
KT-38 Top Entry Cable				
KT-38D	2460.00	2 Wire, Solid state output, Normally Open	5~30VDC, switching current 50mA, max. 1kHz, Voltage drop 3.5V max. Red LED	 <p>Dimension</p> <p>2.85 16.6 4.5 8 10</p> <p>Sensing Point</p> <p>KT-38</p> <p>Suitable for SMC T Slot</p>
KT-38P		3 Wire, PNP Current Sourcing	5~28VDC, switching current 50mA, 1kHz, Voltage drop 0.5V max. Magnet 40 Gauss, Red LED, Reverse polarity, Surge suppression protection	
KT-38N		3 Wire, NPN Current Sinking		

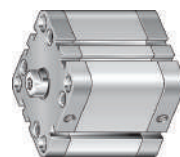
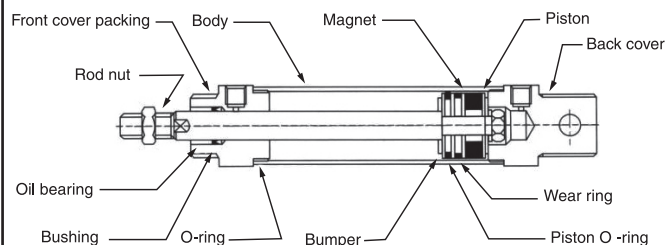
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Model	Price ₹	Specification	Appearance / Dimension
KT-40			
KT-40R-2M	1030.00	2 Wire, Reed switch type Sensor 5-120V DC/AC, switching current 100mA, Voltage drop 3.5Vmax, NO (SPST), Red LED Magnet 50 Gauss, Freq. 200Hz.	 Dimension
KT-40RP-1M	1010.00	3 Wire, Reed switch type Sensor 10-30V DC/AC, switching current 500mA max, NO (SPST) Yellow LED, Voltage drop 0.5V max. Operating Frequency 200Hz	 Dimension
KT-40P-1M	1660.00	3 Wire, PNP Current Sourcing	KT-40 Suitable for Festo T Slot Round / ISO Profile / Tie-Rod Cylinder
KT-40N-1M		3 Wire, NPN Current Sinking	
KT-48			
KT-48R	1030.00	2 Wire, Reed switch type sensor 5-240V DC/AC, switching current 100mA, Voltage drop 3.5Vmax, NO (SPST), Red LED, Magnet 110 Gauss, Freq. 200Hz.	 Dimension
KT-48PE-1M <small>(Old version KT-48P-1M)</small>	1380.00	3 Wire, PNP Current Sourcing	KT-48 Suitable for Round Cylinder
KT-48NE-1M <small>(Old version KT-48N-1M)</small>		3 Wire, NPN Current Sinking	
KT-09 Self Mounting Clamps			
KT-09R-1M	1690.00	2 Wire, Reed switch type sensor 5-240V DC/AC, switching current 1A max, Voltage drop 3.5Vmax, NO (SPST), Red LED, Magnet 80 Gauss, Freq. 200Hz	 Dimension
KT-09P-1M	2550.00	3 Wire, PNP Current Sourcing	KT-09 Suitable for Tie-Rod Cylinder
KT-09N-1M		3 Wire, NPN Current Sinking	
KT-31 High Temp. Resistant Max 140°C			
KT-31R-1M	1660.00	2 Wire, Reed switch type sensor 5-240V DC/AC, switching current 500mA, Voltage drop 0.5Vmax, NO (SPST), Magnet 40 Gauss, Freq. 200Hz.	 Dimension 140°C
KT-32			
KT-32R-3M	1130.00	2 Wire, Reed switch type sensor 5-240V DC/AC, switching current 100mA, Voltage drop 3.5Vmax, NO (SPST), Red LED Magnet 70 Gauss, Freq. 200Hz.	 Dimension
KT-28 Magnetic Proximity			
KT-28R-2M	1160.00	2 Wire, Reed switch type sensor All metal body M8, Sensing distance 9mm 5-120 DC/AC, switching current 40mA, Mag 1 (NdFeB magnet) Voltage drop 2.5V NO (SPST), Red LED, Frequency 200Hz	 Dimension
KT-28P-2M	1790.00	3 Wire, PNP Current sourcing All metal body M8, Sensing distance 12mm	KT-28 Suitable for critical sensing application
KT-28N-2M		3 Wire, NPN Current sinking All metal body M8, Sensing distance 12mm	
MAG-1	390.00	Spare (Please note Magnet is optional) Mag 1 (NdFeB magnet)	 Dimension

Model	Price ₹	Specification	Appearance / Dimension
KT-22 Gear Tooth Sensor			
KT-22N-2M	4310.00	3 Wire, NPN Current Sinking All metal body M12, Sensing distance 2mm	3.5-24VDC Switching current 25mA Voltage drop 0.6V Response Freq. 50kHz., IP-67
			 <p>Dimension M12x1 42 17 Response Distance 2 mm max. KT-22 Suitable for fast operating frequency</p>
Sensor Tester			
TS-31	4290.00	Portable sensor tester for DC Three wire PNP, NPN & Two wire sensors. With LED Indication & Buzzer sound Suitable for large user, sensor sellers, electronic labs and sensor production facilities	 <p>MODEL TS-31</p>
Peripherals Bracket Series			
PB-01	120.00	Mounting on KT-07 & KT-16 series sensor on T-slot cylinder	PB-01 (depth 2.9mm), PB-03 (depth 3.8mm) Length 25.5mm
PB-03		Mounting on KT-07 & KT-16, KT-37 & KT-38 Series sensor on T-slot cylinder	Depth 3.5mm, Length 15.5mm
PB-12			
PI-1	330.00	Bracket is designed for mounting KT-20, KT21, KT 31 series sensor on ISO profile cylinder	for Φ 32 & Φ 40mm cylinder
PI-2			for Φ 50 & Φ 63mm cylinder
PI-3			for Φ 80mm cylinder
PI-4			for Φ 100mm cylinder
PI-5			for Φ 125mm cylinder
PI-6			for Φ 150mm cylinder
PF-1	370.00	Bracket is designed for mounting KT-32, KT-40, KT-50, KT-65 series sensor on Tie-Rod cylinder	for Φ 32 & Φ 40mm cylinder
PF-2			for Φ 50 & Φ 63mm cylinder
PF-3			for Φ 80mm cylinder
PF-4			for Φ 100mm cylinder
PF-5			for Φ 125mm cylinder
DT-1	360.00	Bracket is designed for mounting KT-32, KT-40, KT-50, KT-65 series sensor on ISO profile cylinder	for Φ 4 - Φ 6mm
DT-2			for Φ 8 - Φ 10mm
DT-3			for Φ 12 - 14mm
DT-4			for Φ 16mm
PMA-12	300.00	Bracket suitable for KT-20/21 on the Tie-Rod cylinder	for Φ 12mm
Peripherals Clamp Series			
PH-1	350.00	Clamp Suitable for KT-20, KT-21 series sensor on round cylinder	for Φ 6- Φ 63mm
PH-2			for Φ 6- Φ 125mm
BL-1	400.00	Clamp Suitable for KT40 & KT50 series sensor on round cylinder	for Φ 10- Φ 70mm

An Essential Sensing for Cylinders

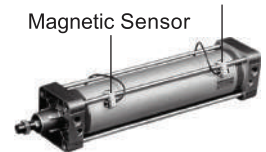
Inner structure and major parts



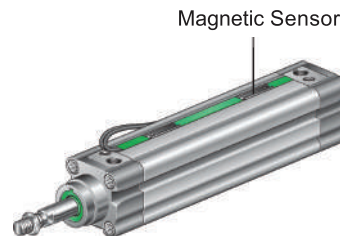
Magnetic Sensor



Magnetic Sensor

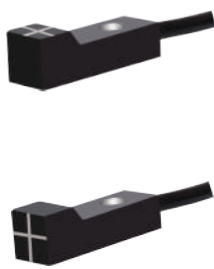


Magnetic Sensor



Magnetic Sensor










Mini Inductive Proximity Sensors			BTH	
Model	Price ₹	Specification	Appearance / Dimension	
BIT3-PN.8F	3100.00	3mm Dia, Cylindrical Smooth, Length 25mm Sensing Distance .8mm, PNP NO (make function)	3 mm dia 	Voltage Supply Range 10~30VDC Voltage Drop <2VDC Reverse Polarity Protection Switching Frequency 2KHz Shielded (Flush) Sensing Surface Material POM Housing Material SS, Cable 2mtr.
BIT3-NN.8F		-DO- NPN NO (make function)		
BIR4-PN1F		4mm Dia, Cylindrical Threaded, Length 25mm Sensing Distance 1 mm, PNP NO (make function)	4mm dia 	
BIR4-NN1F		-DO- NPN NO (make function)		
BIT4-PN1F	1650.00	4mm Dia, Cylindrical Smooth, Length 25mm Sensing Distance 1 mm, PNP NO (make function)	4 mm dia 	
BIT4-PC1F		-DO- PNP NC (make function)		
BIT4-NN1F		-DO- NPN NO (make function)		
BIR5-PN1F		5mm Dia, Cylindrical Threaded, Length 25mm Sensing Distance 1 mm, PNP NO (make function)	5 mm dia 	
BIR5-PC1F		-DO- PNP NC (break function)		
BIR5-NN1F		-DO- NPN NO (make function)		
BIR5-NC1F		-DO- NPN NC (break function)		
BIT6.5-PN2F		1100.00	6.5mm Dia, Cylindrical Smooth, Length 45mm Sensing Distance 2mm, PNP NO (make function)	6.5 mm dia 
BIT6.5-NN2F	-DO- NPN NO (make function)			
BIT6.5-PN2F-18	1725.00	6.5mm Dia, Cylindrical Smooth, Length 18mm Sensing Distance 2mm, PNP NO (make function)	6.5 mm dia 	
BIT6.5-NN2F-18		-DO- NPN NO (make function)		
BIT6.5-PN2F-Y18		6.5mm Dia, Cylindrical Smooth, Length 18mm Sensing Distance 2mm, PNP NO (make function), side entry wire	6.5 mm dia 	
BIT6.5-NN2F-Y18		-DO- NPN NO (make function)		
Mini BID Series Inductive Plastics Case 8*8*26				
BID-NN2.5 (old Model BID-NN3)	890.00	UP Side Sensing, NPN NO (make function)		 10~30VDC, Voltage Drop <1.5V, Short Circuit Proof Frequency 1KHz 8*8*26mm Plastic Body Black Cable
BID-PN2.5 (old Model BID-PN3)		UP Side Sensing, PNP NO (make function)		
BID-NC2.5 (old Model BID-NC3)		UP Side Sensing, NPN NC (break function)		
BID-PC2.5 (old Model BID-PC3)		UP Side Sensing, PNP NC (break function)		
BID-NN2.5-U (old Model BID-NN3)		Lateral Sensing, NPN NO (make function)		
BID-PN2.5-U (old Model BID-PN3-U)		Lateral Sensing, PNP NO (make function)		
Inductive DC 3 wire BIF Series Rectangular Proximity Sensor				
BIF-PN4	940.00	4mm sensing PNP NO, Flat 10 x 27 x 7.5 mm		 Operating Voltage 10~30VDC Response Frequency 2KHz Load Current 150mA, IP 67
BIF-PC4		-DO- but PNP NC		
BIF-NN4		4mm sensing NPN NO, Flat 10 x 27 x 7.5 mm		
BIF-NC4		-DO- but NPN NC		
Inductive DC 3 wire BIS Series Square Type (Oval Hole)				
BIS-17WK	1040.00	Inductive 18mm Square, 5mm front sensing range built-in twin LED, Convenient for checking the operation 4wire, 2mtr. PNP NO/NC, NPN NO/NC selectable		Operating Voltage 10~30VDC Response Frequency 500Hz Load Current 100mA, IP 67 W18*H18*L34mm
Inductive DC 3 wire BIG 15 Series Flat Housing Type 16mm Sensing				
BIG15-WK16	3575.00	Inductive Rectangular. Flat, front sensing, 16mm front sensing range. Built-in twin LED, convenient for checking the operation. 4wire, 2mtr. anti bending PNP NO/NC, NPN NO/NC selectable		W30*H15*L50mm Operating Voltage 12~24VDC Response Frequency 300Hz Load Current 100mA, IP66



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Model		Price ₹	Specification	Appearance / Dimension		BTH
Proximity Sensors - Inductive (Round Shape Metallic Case)						
Inductive DC 2 wire BIR-T Series Cylindrical Type						Metal embedding
BIR8-TN2FL	1600.00	M8 Dia, 35mm Length, 1.5Khz, 10-30VDC, 100mA, NO, 2mm Sensing		8 mm dia	Surge Protection Over current Reverse Polarity Protection Oil resistant wire can resist temp. upto 70C. Thread 1.0 Drop Voltage < 4Volt IP67 No Side Sensing Guaranteed	
BIR8-TC2FL		M8 Dia, 35mm Length, 1.5Khz, 10-30VDC, 100mA, NC, 2mm Sensing				
BIR12-TN4FL	1700.00	M12 Dia, 40mm Length, 1Khz, 10-60VDC, 200mA, NO, 4mm Sensing		12 mm		
BIR12-TC4FL		M12 Dia, 40mm Length, 1Khz, 10-60VDC, 200mA, NC, 4mm Sensing				
BIR18-TN8FL	2150.00	M18 Dia, 46mm Length, 400hz, 10-60VDC, 200mA, NO, 8mm Sensing		18 mm		
BIR18-TC8FL		M18 Dia, 46mm Length, 400hz, 10-60VDC, 200mA, NC, 8mm Sensing				
Inductive DC 3 wire BIR Series Cylindrical Type 8mm, No Side Sensing, 2kHz						
BIR8-PN2FL <small>(old Model BIR-PN2F)</small>	1200.00	M8 Dia, 30mm Length, 2mm Sensing, PNP NO		8 mm dia	Operating Voltage 10-30VDC, Drop Voltage <1.5Volt. Load Current 150mA, Switching Frequency 2Khz. Thread 8*1.0, Over current, Surge, Reverse Polarity Protection Oil resistant wire, can resist temp. upto 70C., Shielded (Flush) No side Sensing Guaranteed	
BIR8-PC2FL		M8 Dia, 30mm Length, 2mm Sensing, PNP NC				
BIR8-NN2FL <small>(old Model BIR-NN2F)</small>		M8 Dia, 30mm Length, 2mm Sensing, NPN NO				
BIR8-NC2FL		M8 Dia, 30mm Length, 2mm Sensing, NPN NC				
BIR8-PN2F-18	1700.00	8mm Dia, Cylindrical Threaded, Length 18mm Sensing Distance 2mm, PNP NO (make function)		8 mm dia		
BIR8-NN2F-18		-DO- NPN NO (make function)				
Inductive DC 3 wire BIR Series Cylindrical Type 12mm, No Side Sensing, 1kHz						
BIR12-PN4FL	1200.00	M12 Dia, 40mm Length, 4mm Sensing, PNP NO		12 mm dia	Operating Voltage 10-30VDC, Drop Voltage <1.5Volt. Load Current 200mA, Switching Frequency 1Khz. Thread 12*1.0, Over current, Surge, Reverse Polarity Protection Oil resistant wire, can resist temp. upto 70C., Shielded (Flush) No side Sensing Guaranteed	
BIR12-PC4FL		M12 Dia, 40mm Length, 4mm Sensing, PNP NC				
BIR12-NN4FL		M12 Dia, 40mm Length, 4mm Sensing, NPN NO				
BIR12-NC4FL		M12 Dia, 40mm Length, 4mm Sensing, NPN NC				
BIR12-PN4F-22	1700.00	12mm Dia, Cylindrical Threaded, Length 22mm Sensing Distance 4mm, PNP NO (make function)		12 mm dia		
BIR12-NN4F-22		-DO- NPN NO (make function)				
Inductive DC 3 wire BIR Series Cylindrical Type 18mm, No Side Sensing, 500Hz						
BIR18-PN8FL	1500.00	M18 Dia, 46mm Length, 8mm Sensing, PNP NO		18 mm dia	Operating Voltage 10-30VDC, Drop Voltage 1.5Volt. Load Current 200mA, Switching Frequency .5Khz. Thread 18*1.0, Over current, Surge, Reverse Polarity Protection Oil resistant wire, can resist temp. upto 70C., Shielded (Flush) No side Sensing Guaranteed	
BIR18-PC8FL		M18 Dia, 46mm Length, 8mm Sensing, PNP NC				
BIR18-NN8FL		M18 Dia, 46mm Length, 8mm Sensing, NPN NO				
BIR18-NC8FL		M18 Dia, 46mm Length, 8mm Sensing, NPN NC				




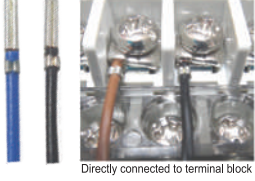


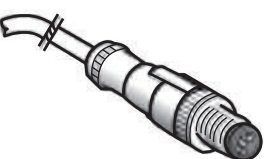


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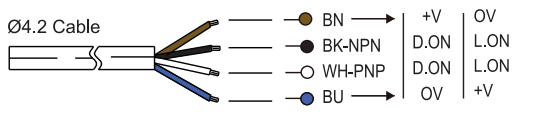





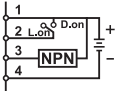
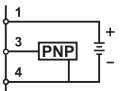

Model	Price ₹	Specification	Appearance / Dimension BTH
Inductive Metal Face Sensors M18			
BIR18-PN8S	5700.00	PNP NO (make function), Frequency 150Hz, Sensing All Metal	 <p>Sensing range 8mm Inductive-Metal Face, Dia 18mm Enclosure - Stainless Steel face and Barrel Operating Voltage 10-30VDC, Voltage Drop <2VDC Output Current 150mA, Reverse Polarity Protection Short Circuit Protection, Protection Class IP 67 Output Indicator -Red LED, Cable 2mtr. Operating Temperature -25C.....+75C Operating Pressure Max 60bar Length 55mm</p>
BIR18-NN8S		NPN NO (make function), Frequency 150Hz	
BIR18-PN8S-FO	6350.00	PNP NO (make function), Frequency 70Hz, Sensing Ferrous only	
BIR18-NN8S-FO		NPN NO (make function), Frequency 70Hz	
BIR18-PN8S-NFO		PNP NO (make function), Frequency 70Hz, Sensing Non-Ferrous only	
BIR18-NN8S-NFO		NPN NO (make function), Frequency 70Hz	
Inductive DC 3 wire BIR..CX Series Weld Field Immune Type (Spatter resistant Metal Face)			
BIR8-PN2S-C	5100.00	M8 Metal Face, Length 60mm, 2mm Sensing, 150mA, PNP NO, M8 3pin Connector type, Thread 8*1.0	 <p>Operating Voltage 10-30VDC, Voltage Drop >1.5, Short Circuit Proof, Non-Shielded (Non-Flush)</p>
BIR8-NN2S-CX		-DO- But NPN, Xylan Polish	
BIR12-PN4S-CX		M12 Metal Face, Length 68mm, 4mm Sensing, 150mA, PNP NO, M12 4pin Connector type, Thread 12*1.0 Xylan Polish	
BIR12-NN4S-CX		-DO- But NPN	
Inductive DC 3 wire BIR Connector Type			
BIR5-PN1FL-CM83	1950.00	M5, 40mm Length, 1mm Sensing, M8 3pin connector, PNP NO	 <p>Thread 5*.5, for M5 No Thread for M6 Current 150mA Operating Voltage 1 0-30VDC Drop Voltage < 1.5Volt 2kHz. Surge Over current Reverse Polarity Protection Shielded (Flush). No Side Sensing</p>
BIR5-NN1FL-CM83		M5, 40mm Length, 1mm Sensing, M8 3pin connector, NPN NO	
BIR6.5-PN2FL-CM83	1550.00	M6.5, 54mm Length, 2mm Sensing, M8 3pin connector, PNP NO	 <p>Operating Voltage 10-30VDC, Drop Voltage <1.5Volt Load Current 150mA, Switching Frequency 2kHz. Thread 8*1.0, Over current, Surge, Reverse Polarity Protection Shielded (Flush) No Side Sensing Guaranteed</p>
BIR6.5-PC2FL-CM83		M6.5, 54mm Length, 2mm Sensing, M8 3pin connector, PNP NC	
BIR6.5-NN2FL-CM83		M6.5, 54mm Length, 2mm Sensing, M8 3pin connector, NPN NO	
BIR6.5-NC2FL-CM83		M6.5, 54mm Length, 2mm Sensing, M8 3pin connector, NPN NC	
BIR8-PN2FL-CM83		M8, 45mm Length, 2mm Sensing, M8 3pin connector, PNP NO	
BIR8-PC2FL-CM83		M8, 45mm Length, 2mm Sensing, M8 3pin connector, PNP NC	
BIR8-NN2FL-CM83	1625.00	M8, 45mm Length, 2mm Sensing, M8 3pin connector, NPN NO	 <p>Operating Voltage 10-30VDC, Drop Voltage <1.5Volt, Load Current 200mA, Switching, Frequency 1kHz. Thread 12*1.0, Over current, Surge, Reverse Polarity Protection, Shielded (Flush)</p>
BIR8-NC2FL-CM83		M8, 45mm Length, 2mm Sensing, M8 3pin connector, NPN NC	
BIR8-PN2FL-C	1625.00	M8, 54mm Length, 2mm Sensing, M12 4pin connector, PNP NO	
BIR8-PC2FL-C		M8, 54mm Length, 2mm Sensing, M12 4pin connector, PNP NC	
BIR8-NN2FL-C		M8, 54mm Length, 2mm Sensing, M12 4pin connector, NPN NO	
BIR8-NC2FL-C		M8, 54mm Length, 2mm Sensing, M12 4pin connector, NPN NC	
BIR12-PN4FL-C	1625.00	M12, 56mm Length, 4mm Sensing, M12 4pin connector, PNP NO	
BIR12-PC4FL-C		M12, 56mm Length, 4mm Sensing, M12 4pin connector, PNP NC	
BIR12-NN4FL-C		M12, 56mm Length, 4mm Sensing, M12 4Pin connector, NPN NO	
BIR12-NC4FL-C		M12, 56mm Length, 4mm Sensing, M12 4pin connector, NPN NC	

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Model	Price ₹	Specification	Appearance / Dimension	BTH [➤]
Linear Analog Output BAR Series Inductive Sensor M18				
BAR18 OV8N	5200.00	Linear Analog Output 0~10VDC , 8mm Sensing range Operating Voltage 15~24VDC , Load resistance >10KΩ		Dia M18, Length 48mm 3 Wire, Supply Voltage 15-24VDC Input power polarity reversal protection Output power short circuit protection, IP66
BAR18 OM8N	6000.00	Linear Analog Output 4~20mA , 8mm Sensing range Operating Voltage 15~24VDC , Load resistance 390Ω		
Capacitive DC 3 wire BCR Series Cylindrical Type M8, M12 & M18				
BCR8-PN2	2850.00	M8 Dia, 45mm Length, 1~2mm Sensing, PNP NO Operating Voltage 10~30VDC, Load current 100mA		Drop Voltage ≤1.5Volt, Switching Frequency 100hz. Thread M8 8x1.0 Thread M12 12x1.0 Thread M18 18x1.0 Over Current, Short Circuit, Reverse Polarity Protection, Oil resistant wire, Can resist temp. upto 70C., Non-Shielded (Non-Flush) Nickle Plated Brass Body
BCR8-NN2		M8 Dia, 45mm Length, 1~2mm Sensing, NPN NO Operating Voltage 10~30VDC, Load current 100mA		
BCR12-PN6	2400.00	M12 Dia, 60mm Length, 1~6mm Sensing adjustable PNP NO, Operating Voltage 10~40VDC, Load current 150mA		
BCR12-NN6		M12 Dia, 60mm Length, 1~6mm Sensing adjustable NPN NO, Operating Voltage 10~40VDC, Load current 150mA		
BCR18-PN15	2500.00	M18 Dia, 80mm Length, 2~15mm Sensing adjustable PNP NO, Operating Voltage 10~40VDC, Load current 400mA		
BCR18-NN15		M18 Dia, 80mm Length, 2~15mm Sensing adjustable NPN NO, Operating Voltage 10~40VDC, Load current 400mA		
Capacitive DC 3 wire BCE Series Cylindrical Type M18 & M30				
BCE18-PN15	2500.00	M18 Dia, 80mm Length, 2~15mm Sensing adjustable PNP NO		Operating Voltage 10~40VDC, Drop Voltage <1.5Volt, Load Current 400mA, Switching Frequency 100hz. Over current, Short circuit, Reverse Polarity Protection, Oil resistant wire, can resist temp. upto 70C., Non- Shielded (Non-Flush)
BCE18-NN15		M18 Dia, 80mm Length, 2~15mm Sensing adjustable NPN NO		
BCE30-PN30	2750.00	M30 Dia, 80mm Length, 2~30mm Sensing adjustable PNP NO		
BCE30-NN30		M30 Dia, 80mm Length, 2~30mm Sensing adjustable NPN NO		
Capacitive DC 4 wire BCE Series Resin Cylindrical Type Food Grade Plastic Materials				
BCE18-WK16	4500.00	Capacitive, M18, Sensing Range 1~16mm adjustable Length 66mm, Response time 14ms, Operating Voltage 12~24VDC, Load Current 100mA, Operating Temp. -20C~60C 20 turn sensitivity adjuster, Special VR Cover for water-proof and greasiness-proof, IP 66		Selectable PNP NO/NC NPN NO/NC Detects a broad range of materials Capable of detecting not only metals but also any type of materials, including wood, paper, plastics, paddy and water
BCE30-WK30	5700.00	Capacitive, M30, Sensing Range 2~30mm adjustable Length 74.5mm, Response time 10ms, Operating Voltage 12~24VDC, Load Current 100mA, Operating Temp. -20C~60C 20 turn sensitivity adjuster, Special VR Cover for water-proof and greasiness-proof, IP 66		
Capacitive AC 2 wire Proximity Sensors M18 & M30				
BCE18-AN15	3000.00	M18 Dia, 80mm Length, 2~15mm adjustable Sensing, AC NO Frequency 20Hz, ABS Body, Thread 18*1.0		Operating Voltage 20~250VAC, Drop Voltage <1.5Volt, Load current 400mA, Over current Protection, Oil resistant wire, can resist temp. upto 70C, Non Shielded (Non-Flush)
BCE30-AN30	3250.00	M30 Dia, 80mm Length, 2~25mm adjustable Sensing, AC NO Frequency 25Hz, ABS Body, Thread 30*1.0		

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Model	Price ₹	Specification	Appearance / Dimension	BTH [®]
M8 Circular Connectors with Polyurethane Cable				
M83R-PUR-2M	880.00	M8 Female Straight Cable Socket, 2Mtr. 3 Core	 <p>M8 Fe-male</p>	Polyurethane ø 4.5 3 Core, Brown-Blue-Black 4 Core, Brown-White-Blue-Black Cable Conductor : 24 AWG Rated Voltage : 60V AC/DC Rated Current : 3A Contact Material : Gold plated brass Protection Class : IP 67 Temp. Range : -20 ~ 80°C
M83RL-PUR-2M		M8 Female Angle Cable Socket, 2Mtr. 3 Core		
M84R-PUR-2M	980.00	M8 Female Straight Cable Socket, 2Mtr. 4 Core		
M84RL-PUR-2M		M8 Female Angle Cable Socket, 2Mtr. 4 Core		
M84R-PUR-5M	1370.00	M8 Female Straight Cable Socket, 5Mtr. 4 Core		
M84RL-PUR-5M		M8 Female Angle Cable Socket, 5Mtr. 4 Core		
M83QD-PUR-2M	720.00	M8 Male Straight Cable Plug, 2 Mtr. 3 Core	 <p>M8 Male</p>	
M84QD-PUR-2M	860.00	M8 Male Straight Cable Plug, 2 Mtr. 4 Core	 <p>M8 Male Swivel Lock Nut</p>	
M83SW-PUR-2M		M8 Male Straight Cable Plug, 2Mtr. 3 Core		
M83SWL-PUR-2M		M8 Male Angle Cable Plug, 2Mtr. 3 Core		
M84SW-PUR-2M	1140.00	M8 Male Straight Cable Plug, 2Mtr. 4 Core		
M84SWL-PUR-2M		M8 Male Angle Cable Plug, 2Mtr. 4 Core		
M12 Circular Connectors with Polyurethane Cable				
M123R-PUR-2M	1090.00	M12 Female Straight Cable Socket, 2Mtr. 3 Core	 <p>M12 Female</p>	Polyurethane ø 5 3 Core, Brown-Blue-Black 4 Core, Brown-White-Blue-Black Cable Conductor : 22 AWG Rated Voltage : 250V AC/DC Rated Current : 4A Contact Material : Gold plated brass Protection Class : IP 67 Temp. Range : -20 ~ 80°C
M123RL-PUR-2M		M12 Female Angle Cable Socket, 2Mtr. 3 Core		
M123R-PUR-5M	1500.00	M12 Female Straight Cable Socket, 5Mtr. 3 Core		
M123RL-PUR-5M		M12 Female Angle Cable Socket, 5Mtr. 3 Core		
M124R-PUR-2M	1240.00	M12 Female Straight Cable Socket, 2 Mtr. 4 Core		
M124RL-PUR-2M		M12 Female Angle Cable Socket, 2 Mtr. 4 Core		
M124R-PUR-5M	1770.00	M12 Female Straight Cable Socket, 5 Mtr. 4 Core		
M124RL-PUR-5M		M12 Female Angle Cable Socket, 5 Mtr. 4 Core		
M124R-PUR-10M	2640.00	M12 Female Straight Cable Socket, 10 Mtr. 4 Core	 <p>Directly connected to terminal block</p>	
M124RL-PUR-10M		M12 Female Angle Cable Socket, 10 Mtr. 4 Core		
M125R-PUR-5M	2100.00	M12 Female Straight Cable Socket, 5 Mtr. 5 Core		
M125RL-PUR-5M		M12 Female Angle Cable Socket, 5 Mtr. 5 Core		
M125R-PUR-10M	3230.00	M12 Female Straight Cable Socket, 10 Mtr. 5 Core	5 Core Brown-White-Blue Black-Gray Rated Voltage : 60V AC/DC	
M125RL-PUR-10M		M12 Female Angle Cable Socket, 10 Mtr. 5 Core		
M12 Circular Connectors with Polyurethane Cable LED				
M123R-PUR-2M-P	1410.00	M12 Female Straight Cable Socket, 2 Mtr. PNP	 <p>M12 Female</p>	3 Core, Brown-Blue-Black Power Green LED Switch Red LED
M123RL-PUR-2M-P		M12 Female Angle Cable Socket, 2 Mtr. PNP		
M123R-PUR-2M-N		M12 Female Straight Cable Socket, 2 Mtr. NPN		
M123RL-PUR-2M-N		M12 Female Angle Cable Socket, 2 Mtr. NPN		
Connectors Insert				
E0-0019-07	300.00	M8, Connector Insert, 3pin	 <p>M8 Connector insert</p>	Brass-nickel plated housing for 8mm socket
E0-0031-05	360.00	M8, Connector Insert, 4pin		
E0-0073	260.00	M12, Connector Insert, 4pin	 <p>M12 Connector insert</p>	Poly Carbonate for 12mm Socket
 <h2>HALOGEN free Polyurethane Cable</h2>  				

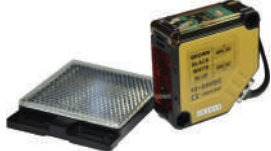


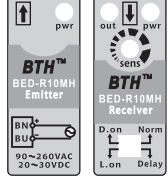

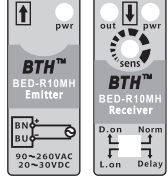







Model	Price ₹	Specification	Appearance / Dimension	BTH
BU-06 Photo Micro Sensor 6mm Slot Double LED Indicator				
BU-06KN	975.00	U-Shape Photo Sensor, Shape -K type NPN output W25.4*H6.95*L28 (Inside depth 9mm)	 K-type  T-type  L-type	Light ON / Dark ON Selectable 10~30VDC, Load Current 100mA Current Consumption 15mA Max. ambient light 13000Lux IP 64, Connector type 2KHz response Infrared LED 940nm Beam axis .8*2mm
BU-06KP		-DO- but PNP		
BU-06TN		U-Shape Photo Sensor, Shape -T type NPN output W22*H13.7*L26 (Inside depth 9mm)		
BU-06TP		-DO- but PNP		
BU-06LN		U-Shape Photo Sensor, Shape -L type NPN output W26.2*H15*L15.5 (Inside depth 9mm)		
BU-06LP		-DO- but PNP		
BU-06TN		U-Shape Photo Sensor, Shape -T type NPN output W22*H13.7*L26 (Inside depth 9mm)		
BU-06LN	U-Shape Photo Sensor, Shape -L type NPN output W26.2*H15*L15.5 (Inside depth 9mm)			
BU-07 Series Photo Sensor U-Shape 7mm Slot with Visible Light (RED LED)				
BU-07KQ	6500.00	U Shape Photo Sensor, PNP/NPN selectable The optimum sensitivity (12-turn) can be set easily according to different colors. Supply voltage 12~24VDC, Load Current 100mA, Response time 1ms Visible LED for easy identification Suitable for Cut Mark Sensing, Tab mark, Overlap Sensing of Paper etc 		U-Shape Inside Depth 25mm Load Current 100mA, Current Consumption 18mA Beam axis .5mm, Material PC, RED LED 660nm IP 64, H 55, L 25, W 13mm Old Model BU-07PQ & BU-07NQ Discontinued
BU-10 Series Photo Sensor U-Shape 10mm Slot				
BU-10K	2250.00	U Shape Photo Sensor, PNP/NPN selectable Sensing Slot 10mm Supply Voltage 12~24VDC, Response time 0.5ms Light ON / Dark ON Selectable Old Model BU-10P & BU-10N Discontinued		10mm Sensing range Inside Depth 11mm Load Current 100mA Current Consumption 20mA Beam axis .5mm 2KHz response Material PC IR LED 940nm, IP 64
BU-15 Series Photo Sensor U-Shape 15mm Slot				
BU-15K	2860.00	U Shape Photo Sensor, PNP/NPN selectable Sensing Slot 15mm Supply Voltage 12~24VDC, Response time 0.5ms Light ON / Dark ON Selectable Old Model BU-15P & BU-15N Discontinued		15mm Sensing range Inside Depth 15mm Load Current 100mA Current Consumption 18mA Beam axis .5mm 2KHz response Material PC IR LED 940nm, IP 64
BU-18 Series Photo Sensor U-Shape 18mm Slot				
BU-18KN	3060.00	U Shape Photo Sensor, PNP/NPN selectable Sensing Slot 18mm Supply Voltage 12~24VDC, Response time 0.5ms Light ON / Dark ON Selectable Output and Power Indicator		18mm Sensing range Inside Depth 16.5mm Load Current 100mA Current Consumption 35mA Beam axis .5mm 2KHz response Material Zinc IR LED 940nm, IP 65
Z Series Micro Photo Sensor Diffuse 20mm Sensing				
BZ-NT20FF	2275.00	NPN, Light on Dark on selectable, Front / Side Sensing, (old model BPG20 NT20FI)		  20mm Sensing range Response time 1ms max Supply 12~24VDC Load Current 100mA max Material PC IR LED 940 H 20, L 13, W 8mm
BZ-NT20FU		NPN, Light on Dark on selectable, Top Sensing (old model BPG20 NT20FL)		
BZ-PN20FF		PNP, Light on, Front / Side Sensing (old model BPG20 PN20FI)		
BZ-PN20FU		PNP, Light on, Top Sensing (old model BPG20 PN20FL)		
CT-04	600.00	Connector for BZ & BU-06 Series Sensors, female connector with 4 Core, 2mtr.cable.		

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Model	Price ₹	Specification	Appearance / Dimension	BTH
T Series Ultra Slim Photo Sensor (3.5mm Thickness) Diffuse 30mm Sensing				
BT-PN30F	4250.00	Diffuse Photo Sensor, Ultra Slim Body, PNP, Light ON , 30mm sensing range. Reverse / Short circuit Protection. Dual LED indicator at Top	 H 24, L 15, W 3.5mm	Response 0.5ms max Supply 12~24VDC Load I 100mA max Material ABS IR LED 940nm IP 64
BT-NN30F		-DO - but NPN		
K Series Mini Photo Sensor (10mm width) Diffuse 50mm Sensing				
BK-PN50F	4200.00	Diffuse Photo Sensor, Mini, PNP, Light ON 50mm sensing range. Reverse / Short circuit Protection. For small size easy mounting on a narrow space. Small projected point helps to detect tiny object with ease. Dual LED indicator at Top	 H27.9, L 12, W 10mm	50mm Sensing range Response 1ms max Supply 12~24VDC Load I 100mA max Material ABS IR LED 940nm IP 64
BK-NN50F		-DO - but NPN		
K Series Mini Photo Sensor (10mm width) Through Beam 2 Mtr. sensing				
BK-WT2MH	4875.00	Through Beam Photo Sensor, Mini, NPN/PNP, Dark-ON/Light ON 2mtr. sensing range. Reverse / Short circuit Protection. For small size easy mounting on a narrow space. Small projected point helps to detect tiny object with ease. Dual LED indicator at Top Old Model BK-NC2MH & BK-PC2MH Discontinued	 H27.9, L 12, W 10mm	2mtr. Sensing range Response 1ms max Supply 12~24VDC Load I 100mA max Material ABS IR LED 940nm IP 64
Y Series Small Photo Sensor Diffuse 300mm Sensing				
BY-PT300F	3000.00	Diffuse Photo Sensor, Small Rectangular, PNP, Light ON / Dark ON Selectable, 300mm Sensing range	 H 31, L12, W 17.2mm	300mm Sensing range Response 1.5ms max Supply 12~24VDC Load I 100mA max Material ABS IR LED 850nm IP 64
BY-NT300F		-DO - but NPN		
BY-KT300F		-DO - but PNP and NPN selectable Model BY-PT300F and BY-NT300F will be discontinued		
Y Series Small Photo Sensor Convergent Beam 100mm Sensing				
BY-PT100C	5400.00	Convergent Reflective beam Photo Sensor. The transmitter lens is focused to an exact point in front of the sensor and the receiver lens is focused to the same point. Fixed Sensing range, because all of the emitted energy is focused to a single point, which enables the sensor to easily detect narrow or low reflectivity targets. Small Rectangular, 100mm Sensing, with Sensitivity adjuster, output PNP	 H 25, L20, W 12mm	Convergent Beam Light ON Dark ON Selectable 100mm Sensing range Response 1.5ms max Supply 12~24VDC Load I 100mA max Materials ABS Red LED 660nm IP 64
BY-NT100C		-DO - but NPN		
Y Series Small Photo Sensor Diffuse 100mm Sensing with Visible Light (Red LED)				
BY-PT100F-Q	5400.00	Diffuse Photo Sensor, Small Rectangular, PNP 100mm sensing range. The visible Red LED is available at the distance of 100mm for BY-PT 100F-Q. It is easy for installation and detection.	 H 25, L20, W 12mm	 100mm Sensing range Response 1ms max Supply 12~24VDC Load I 100mA max Materials ABS RED 660nm IP 64
BY-NT100F-Q		-DO - but NPN		
				

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Model	Price ₹	Specification	Appearance / Dimension	BTH		
BD Series Small Photo Sensor Diffuse 300mm Sensing						
BD-PN300F	2400.00	Diffuse Photo Sensor, Small Rectangular, PNP Dark ON, 300mm Sensing range	 <p>H 33.5, L12.5, W 17mm</p>	Response 1.5ms max Supply 12~24VDC Load I 100mA max Material ABS IR LED 850nm IP 64		
BD-NN300F		-DO - but NPN				
BD Series Retroreflective 2Mtr. Sensing						
BD-PN2MV	3125.00	Retroreflective Photo Sensor, Small Rectangular, PNP Dark ON, 2Mtr. Sensing range				
BD-NN2MV		-DO - but NPN				
BD Series Through Beam 5Mtr. Sensing						
BD-PN5MH	3725.00	Through Beam Photo Sensor, Small Rectangular, PNP Dark ON, 5Mtr. Sensing range				
BD-NN5MH		-DO - but NPN				
BD Series Small Photo Sensor Diffuse 300mm Sensing			Laser Sensor			
BD-PN-300F-LS	3250.00	Diffuse Laser Sensor, 30~300mm adjustable sensing range, PNP Dark ON (NO)	 <p>H 33.5, L12.5, W 17mm</p>	Max. Load 150mA, No Load current 9mA, Response time 20uS, Spot size 2/300mm, operating temp. -10C to 50C, Laser Class (IEC) class 2, Power LED Green, Output LED RED, Housing Material PBT H31 x W11 x D22mm		
BD-NN-300F-LS		-DO - but NPN				
BD Series Small Photo Sensor Through Beam						
BD-PN-100MH-LS	4500.00	Through beam, Laser Sensor, 100Mtr. sensing range, PNP Dark ON (NO)				
BD-NN-100MH-LS		-DO - but NPN				
ED Series Photo Sensor 50mm Square Body Diffuse 1000mm Sensing						
BED-W1MF	4250.00	Diffuse Photo Sensor, PNP/NPN NO/NC selectable, 1000mm sensing range. Supply Voltage 12~24VDC, Load Current 100mA, Response time 1.5ms (Old model BPS50 WT1000F)	 <p>H50 x L50 x W18mm</p>	 <p>Diffuse Special protective hood for dust & spray proof Adjustable Sensitivity IR LED 940nm Delay Switch Function (0.2sec.) Selectable Material ABS, IP 65 Dual LED indicator at Top</p>		
BED-R1MF		Diffuse Photo Sensor, Relay Output COM/NO (Relay DC 30V5A / AC 250V5A), 1000mm sensing range. Supply Voltage AC 90~260V/DC24~30DC, Load Current 100mA., Response time 1.5ms, High switching capability Relay with 0.2 Sec. delay function and can be switched Light-ON/Dark-ON directly (old model BPS50 DR500F)				
ED Series Photo Sensor 50mm Square Body Retroreflective 5Mtr. Sensing						
BED-W5MV	5250.00	Retroreflective Photo Sensor, PNP/NPN NO/NC selectable, 5Mtr. sensing range. Supply Voltage 12~24VDC, Load Current 100mA, Response time 1.5ms, Supplied with Reflector	 <p>H50 x L50 x W18mm</p>	 <p>Retro Reflective Special protective hood for dust & spray proof Adjustable Sensitivity IR LED 940nm Delay Switch Function (0.2sec.) Selectable Material ABS, IP 65 Dual LED indicator at Top</p>		
BED-R5MV	5500.00	Retroreflective Photo Sensor, Relay Output COM/NO (Relay DC 30V5A / AC 250V5A), 5Mtr. sensing range. Supply Voltage AC 90~260V/DC24~30DC, Load Current 100mA., Response time 1.5ms, High switching capability Relay with 0.2Sec delay function and can be switched Light-ON/Dark-ON directly				

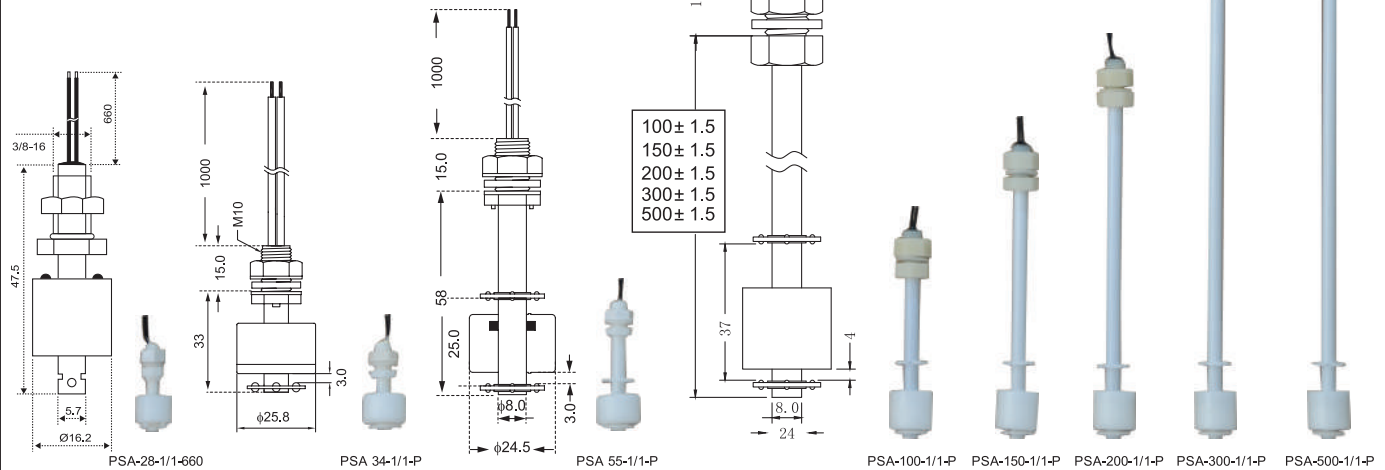
Model	Price ₹	Specification	Appearance / Dimension	BTH
ED Series Photo Sensor 50mm Square Body Polarised Retroreflective 2Mtr. Sensing with Visible Light				
BED-W2ML-Q	6000.00	Polarising Retroreflective Photo Sensor PNP/NPN NO/NC selectable, 2Mtr. sensing range Supply Voltage 12~24VDC, Load Current 100mA, Response time 1.5ms, Supplied with Reflector Easy to Detect shiny surface of object easily Visible Light (red LED) makes beam alignment easy	 Polarised Dust & spray proof hood Adjustable Sensitivity Red LED 650nm Delay Switch Function (0.2sec.) Selectable Material ABS, IP 65 Dual LED indicator at Top	 H50, L 50, W 18mm
ED Series Photo Sensor 50mm Square Body Through Beam 10Mtr.				
BED-W10MH	5200.00	Through Beam Photo Sensor, PNP/NPN NO/NC selectable, 10Mtr. sensing range. Supply Voltage 12~24VDC, Load Current 100mA, Response time 1.5ms		 H50, L 50, W 18mm
BED-R10MH	6300.00	Through Beam Photo Sensor, Relay Output COM/NO (Relay DC 30V5A / AC 250V5A), 10Mtr. sensing range. Supply Voltage AC 90~260V/DC24~30DC, Load Current 100mA., Response time 1.5ms, High switching capability Relay with 0.2Sec delay function and can be switched Light-ON/Dark-ON directly		 H50, L 50, W 18mm Through Beam Special protective hood for dust & spray proof Adjustable Sensitivity IR LED 850nm Delay Switch Function (0.2sec.) Dual LED indicator at Top, IP 65
Diffuse Photo Sensors M12 Round BPR Series				
BPR12-PK200F	1850.00	M12, 60mm Length, 200mm Sensing, PNP NO + NC Nickle Plated Brass Body		Operating Voltage 10~30VDC, Drop Voltage <1.5V, Load Current 200mA, Switching Frequency 2Khz., Thread 12*1.0, Over current, Short Circuit, Reverse Polarity Protection, Oil resistant wire, can resist temp. up 70C.
BPR12-NK200F		--DO--But NPN		
BPR12-PK200F-C	2275.00	M12, 70mm Length, 200mm Sensing, PNP NO + NC Nickle Plated Brass Body, Connector Type		
BPR12-NK200F-C		--DO--But NPN		
BPR Series Diffuse Photo Sensors M18 Round DC				
BPR18-PK400F	To be confirmed	M18, 80mm Length, 400mm Sensing, PNP NO + NC Nickle Plated Brass Body		Operating Voltage 10~30VDC, Drop Voltage <1.5V, Load Current 200mA, Switching Frequency 2Khz., Thread 18*1.0, Over current, Short Circuit, Reverse Polarity Protection, Oil resistant wire, can resist temp., upto 70C.
BPR18-NK400F		--DO--But NPN		
BPR18-PK400F-C	2900.00	M18, 85mm Length, 400mm Sensing, PNP NO + NC Nickle Plated Brass Body, Connector Type		
BPR18-NK400F-C		--DO--But NPN		
BPE Series Diffuse Photo Sensors M18 Round AC				
BPE18-AN400F	To be confirmed	Diffuse standard Barrel 18mm Dia, 400mm Sensing Range, AC, NO Anti Bacterial ABS housing, PMMA Lense		90~250VAC, 300mA Current Consumption 15mA, Directional Angle 3~10 Degree, Response time 20ms, IP66
BPE18-AC400F		--DO--But NC		
BPR Series Cylindrical Housing Type (Through Beam)				
BPR18-PK20MH	3500.00	M18, 85mm Length, 400mm Sensing, PNP NO + NC Nickle Plated Brass Body, Connector Type		Operating Voltage 10~30VDC, Drop Voltage <1.5V, Load Current 200mA, Switching Frequency 2Khz., Thread 18*1.0, Over current, Short Circuit, Reverse, Polarity Protection, Oil resistant wire, can resist temp., upto 70C.
BPR18-NK20MH		M18, 85mm Length, 400mm Sensing, NPN NO + NC Nickle Plated Brass Body, Connector Type		
BW Series Diffuse Photo Sensors Water Proof T style DC				
BW-PT400F	4600.00	Diffuse, 400mm Sensing Range, PNP, Selectable Light ON / Dark ON, ABS housing, Waterproof Structure, Space Saving T-shape housing, Bright Dual LED Indicator		12~24DVC 100mA Infrared LED 850nm Response time 1.5mS IP67, T Shape 31mm Long Housing
BW-NT400F		--DO--But NPN		

Model	Price ₹	Specification	Appearance / Dimension	BTH
Fibre Amplifier Slim				
BFG-KTM	5200.00	Fibre Amplifier Slim 10mm, PNP/NPN, Light ON / Dark ON Selectable switch, 20 turn sensitivity adjuster response time 1ms, Out & Power LED, Reverse Polarity & Over Current Protection, Selectable off delay timer --0/04/400ms, Easy Fibre cable pull In & Out, Fibre Cable Lock Level.  (Old model BFG10 PTM, BFG-PTM, BFT-NTM Discontinued)	 W10*H31*L62 Fibre Amplifier 12-24VDC, 100mA Red LED 680nm IP 64, ABS Body	
Fibre Amplifier Slim Digital				
BFG-KTD	7150.00	Fibre Amplifier Slim 10mm, PNP/NPN, Digital Display Depends on the mounting direction, the Digital Display can be inverted <ul style="list-style-type: none"> • Easy to operate with 2 keys only • Response time selectable: 1000 / 1500Hz • One key teaching  Updated model of BFG-PTD & BFG-NTD	 W10*H33*L72 Fibre Amplifier 12-24VDC, 100mA Red LED 680nm IP 64, ABS Body 	
Fibre optic Cable Diffuse - Anti-Bending				
BPRC-320	1425.00	Fibre Cable Diffuse, M3, Coaxial Fibre cable, Minimum Bending Radius R15 Sensing Range 50mm, Temp. -50°C~70°C		Wire length 2mtr. Head length 18mm Flexible protective tube 35mm Coaxial
BPRC-420		-DO- Fibre Cable Diffuse, M4		
BPRC-620		-DO- Fibre Cable Diffuse, M6		
BPR-420	1425.00	Fibre Cable Diffuse, M4		-DO- but not coaxial
BPR-620		Fibre Cable Diffuse, M6, Minimum Bending Radius R25, Sensing Range 90mm, Temp. -50°C~70°C		
Fibre optic Cable Diffuse - Anti-Bending Extended Tube				
BPRL-320	1625.00	Fibre Cable Diffuse, M3, Extended Tube 90mm Fibre Diameter .5mm, Minimum Bending Radius R15 for tube Part 10R, Sensing Range 30mm Target Dia 0.03		Wire length 2mtr. Tube length 90mm Temp. -50°C~70°C
BPRL-420		-DO- Fibre Cable Diffuse, M4, Target Dia 0.06		
BPRL-620		-DO- Fibre Cable Diffuse, M6, Target Dia 0.1		
Fibre optic Cable Diffuse - Anti-Bending Side View				
BPRS-320	2125.00	Fibre Cable Diffuse, M3, Side View Fibre Diameter .5mm, Minimum Bending Radius R1 for tube Part 10R, Sensing Range 30mm Target Dia 0.0125		Wire length 2mtr. Temp. -50°C~70°C
BPRS-420		-DO- Fibre Cable Diffuse, M4, Target Dia 0.025		
BPRS-620		-DO- Fibre Cable Diffuse, M6		
Fibre optic Cable Through Beam - Anti-Bending				
BPT-320-B1	1650.00	Fibre Cable Through Beam M3, Minimum Bending Radius R25, Sensing Range 500mm, Temp. -50°C~70°C	 Wire length 2mtr. Head length 13mm Flexible protective tube 35mm	
BPT-420-B1	1850.00	Fibre Cable Through Beam M4 Minimum Bending Radius R25, Sensing Range 500mm, Temp. -50°C~70°C		
BPT-420-B3	2600.00	Fibre Cable Through Beam M4 Minimum Bending Radius R25, Sensing Range 2000mm, Temp. -50°C~70°C		
 Built in Lens 2000 mm Sensing Range				

Vertical Level Sensor One Ball One Point Plastic Body

BTH

Model	Price ₹
PSA-28-1/1-P	325.00
PSA 34-1/1-P	325.00
PSA 55-1/1-P	375.00
PSA-100-1/1-P	475.00
PSA-150-1/1-P	525.00
PSA-200-1/1-P	650.00
PSA-300-1/1-P	715.00
PSA-500-1/1-P	910.00

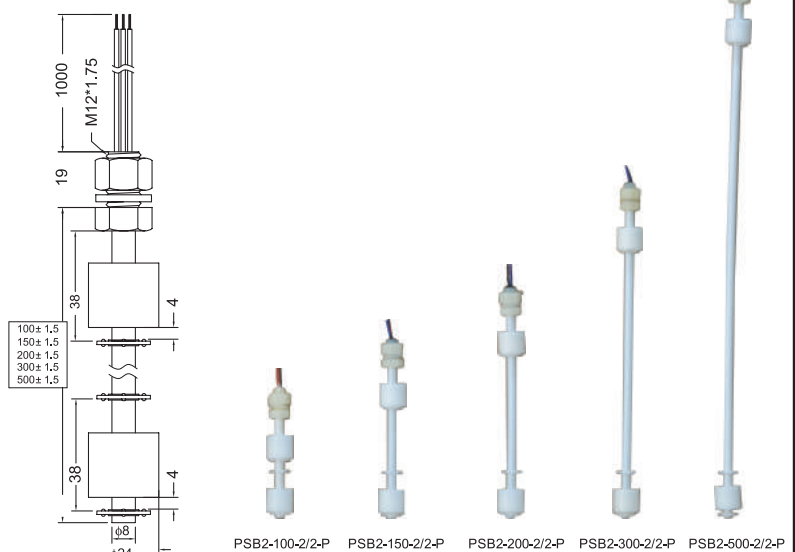
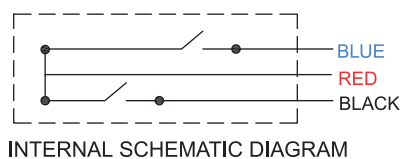


Order code

Series	Length mm	Ball	Point	Material
PSA	28, 34, 55, 100, 150, 200, 300, 500	1	1	P Plastic

Vertical Level Sensor Two Ball Two Point Plastic Body

Model	Price ₹
PSB2-100-2/2-P	700.00
PSB2-150-2/2-P	800.00
PSB2-200-2/2-P	900.00
PSB2-300-2/2-P	950.00
PSB2-500-2/2-P	1275.00



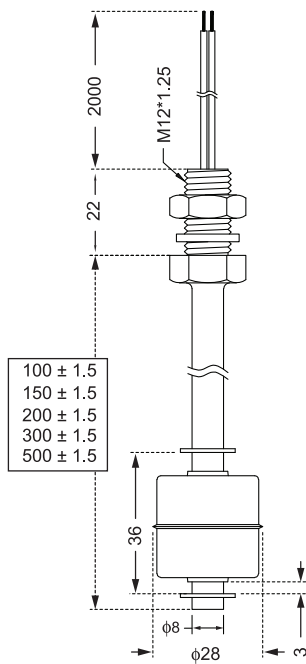
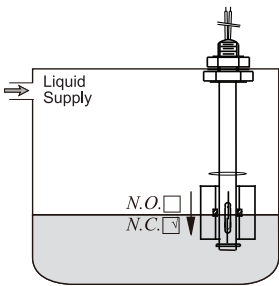
Order code

Series	Length mm	Ball	Point	Material
PSB2	100, 150, 200, 300, 500	2	2	P Plastic

Vertical Level Sensor One Ball One Point SS Body

BTH

Model	Price ₹
PSA-40-1/1-S	1175.00
PSA-100-1/1-S	1575.00
PSA-150-1/1-S	1625.00
PSA-200-1/1-S	1675.00
PSA-300-1/1-S	1875.00
PSA-500-1/1-S	2075.00



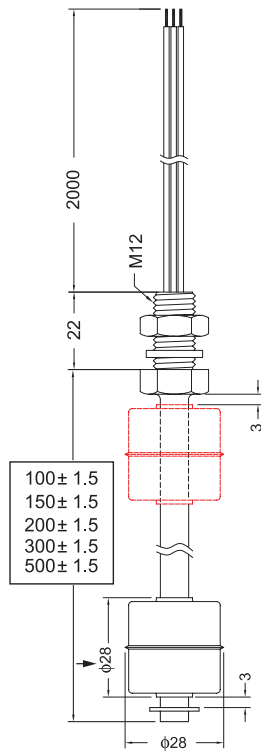
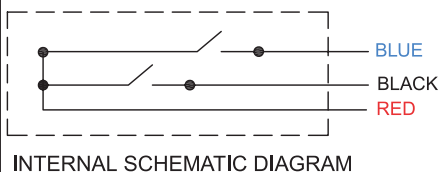
Order code

Series	Length mm	Ball	Point	Material
PSA	40, 100, 150, 200, 300, 500 Other lengths are available on request	1	1	S Stainless steel

Vertical Level Sensor One Ball Two Point SS Body

BTH

Model	Price ₹
PSC2-100-1/2-S	1725.00
PSC2-150-1/2-S	1875.00
PSC2-200-1/2-S	1975.00
PSC2-300-1/2-S	2075.00
PSC2-500-1/2-S	2275.00



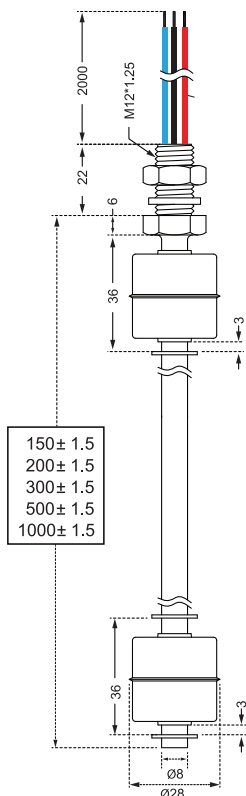
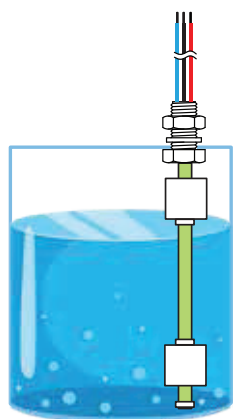
Order code

Series	Length mm	Ball	Point	Material
PSC2	100, 150, 200, 300, 500 Other lengths are available on request	1	2	S Stainless steel

Vertical Level Sensor Two Ball, Two Point SS Body

BTH

Model	Price ₹
PSB2-150-2/2-S	1950.00
PSB2-200-2/2-S	2150.00
PSB2-300-2/2-S	2250.00
PSB2-500-2/2-S	2650.00
PSB2-1000-2/2-S	3250.00

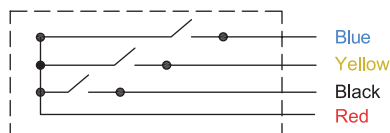


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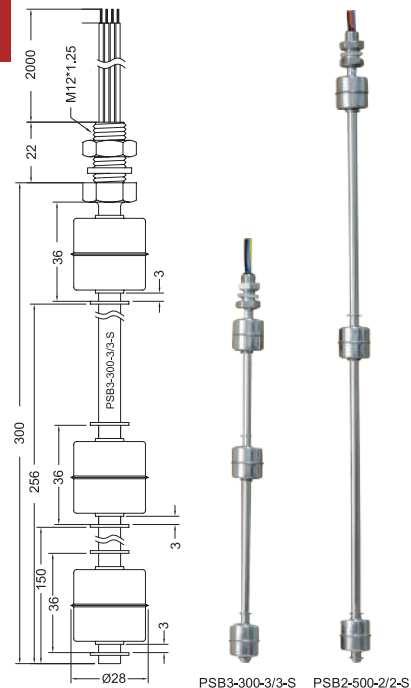
Series	Length mm	Ball	Point	Material
PSB2	150, 200, 300, 500, 1000 Other lengths are available on request	2	2	S Stainless steel

Vertical Level Sensor Three Ball, Three Point SS Body

Model	Price ₹
PSB3-300-3/3-S	3000.00
PSB3-500-3/3-S	3300.00



INTERNAL SCHEMATIC DIAGRAM



PSB3-300-3/3-S PSB2-500-2/2-S

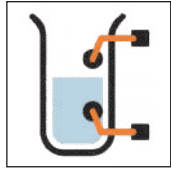
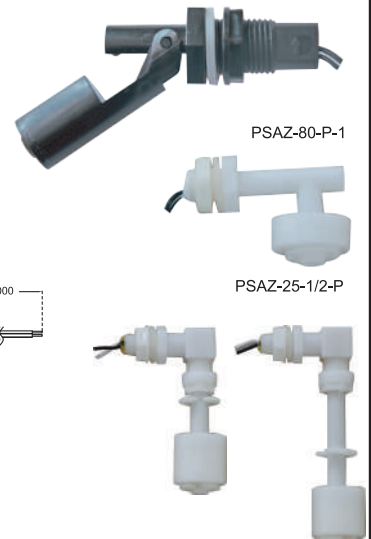
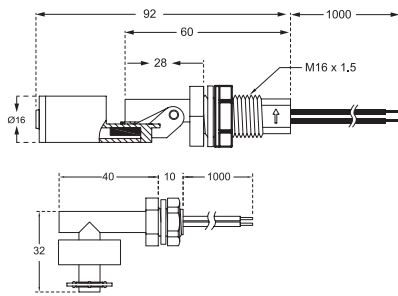
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Series	Length mm	Ball	Point	Material
PSB3	300, 500 Other lengths are available on request	3	3	S Stainless steel

Horizontal & Bent Level Sensor Plastic Body

BTH

Model	Price ₹
PSAZ-80-P-1	480.00
PSAZ-25-1/2-P	425.00
PSAZ-75-P-1	425.00
PSAZ-100-P-1	450.00



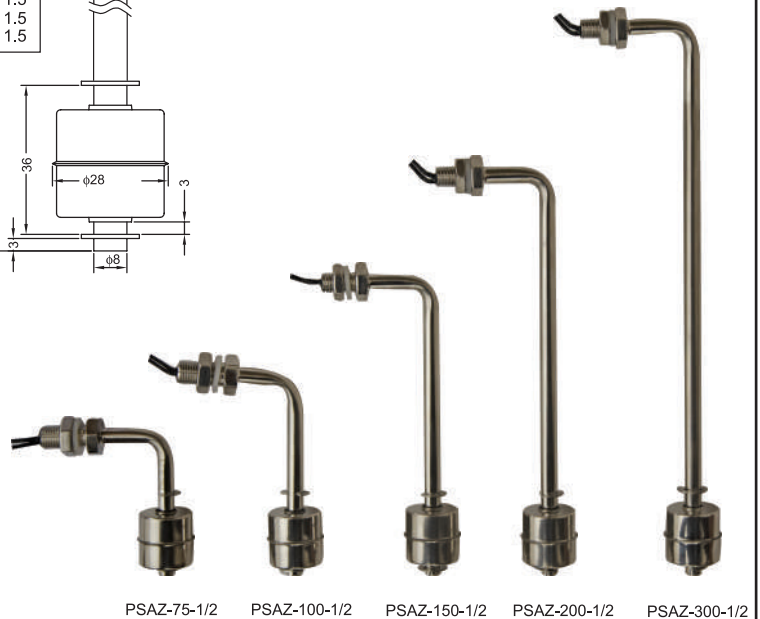
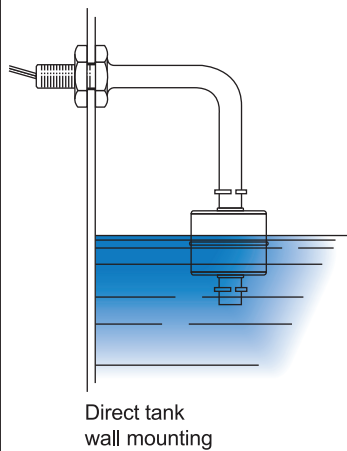
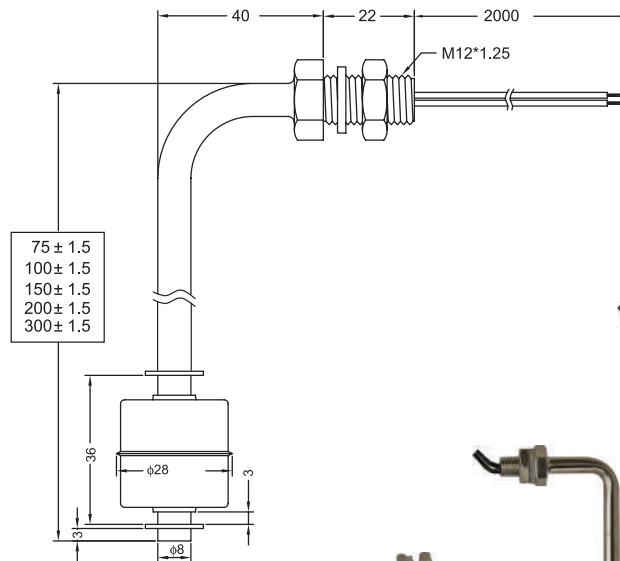
Order code

Model	Type	Material
PSAZ-90 PSAZ-25/75/100	Horizontal Bent	Plastic Body

Bent Level Sensor One Ball One Point SS Body

BTH

Model	Price ₹
PSAZ-75-1/2	1700.00
PSAZ-100-1/2	1800.00
PSAZ-150-1/2	1900.00
PSAZ-200-1/2	2100.00
PSAZ-300-1/2	2400.00



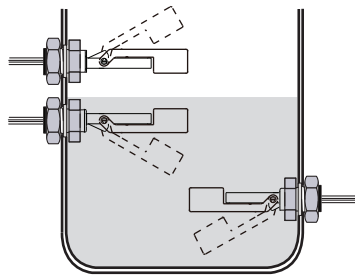
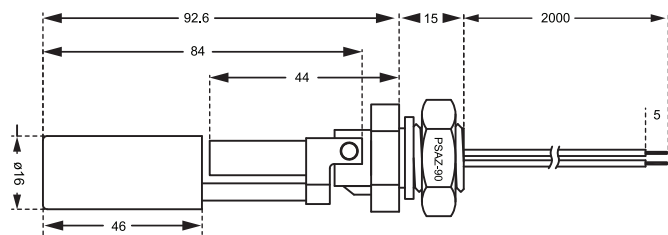
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Model	Type	Material
PSAZ-75/100/150/200/300	Bent	SS Stainless Steel

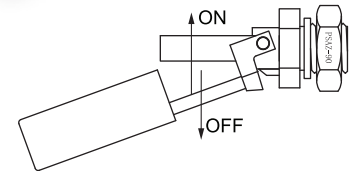
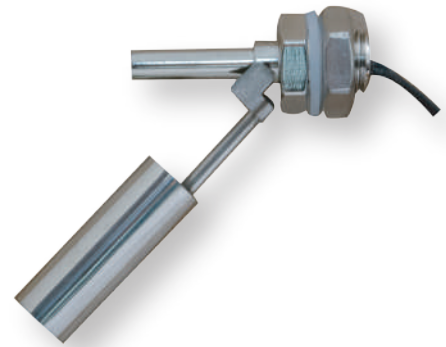
PSAZ-90, Horizontal Level Sensor SS Body

BTH[▶]

Model	Price ₹
PSAZ-90	2375.00



Internal schematic diagram



PSAZ-90 Horizontal

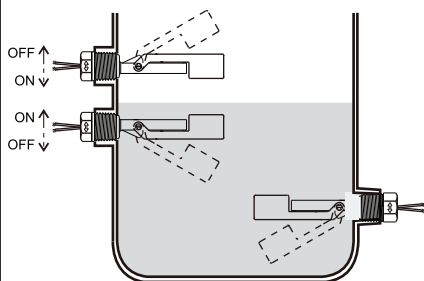
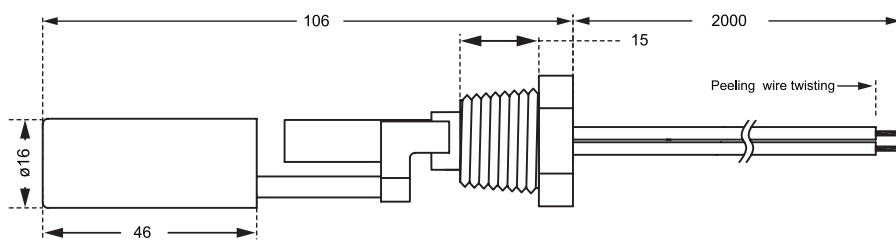
Order code

Model	Type	Material
PSAZ-90	Horizontal	SS Stainless Steel

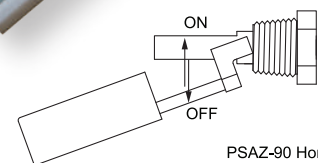
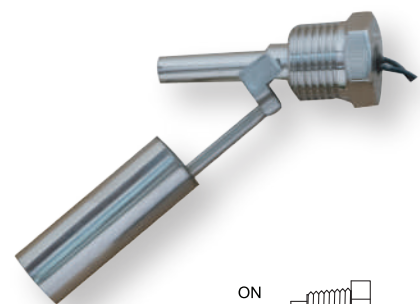
PSAZ-100, Horizontal Level Sensor SS Body

BTH[▶]

Model	Price ₹
PSAZ-100	2375.00



Internal schematic diagram



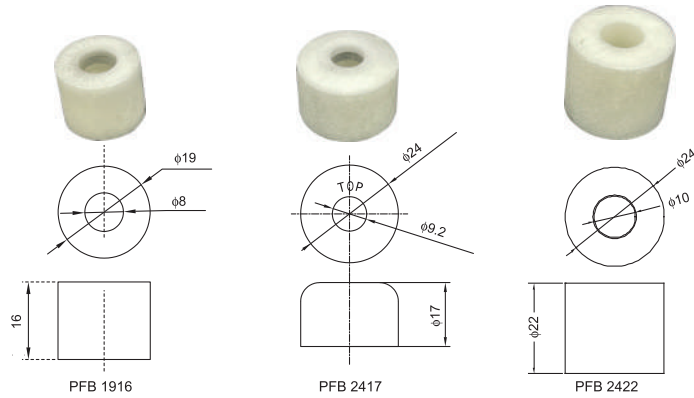
PSAZ-90 Horizontal

Order code

Model	Type	Material
PSAZ-100	Horizontal	SS Stainless Steel

Float Ball Plastic Body

Model	Price ₹
PFB 1916	93.00
PFB 2417	
PFB 2422	

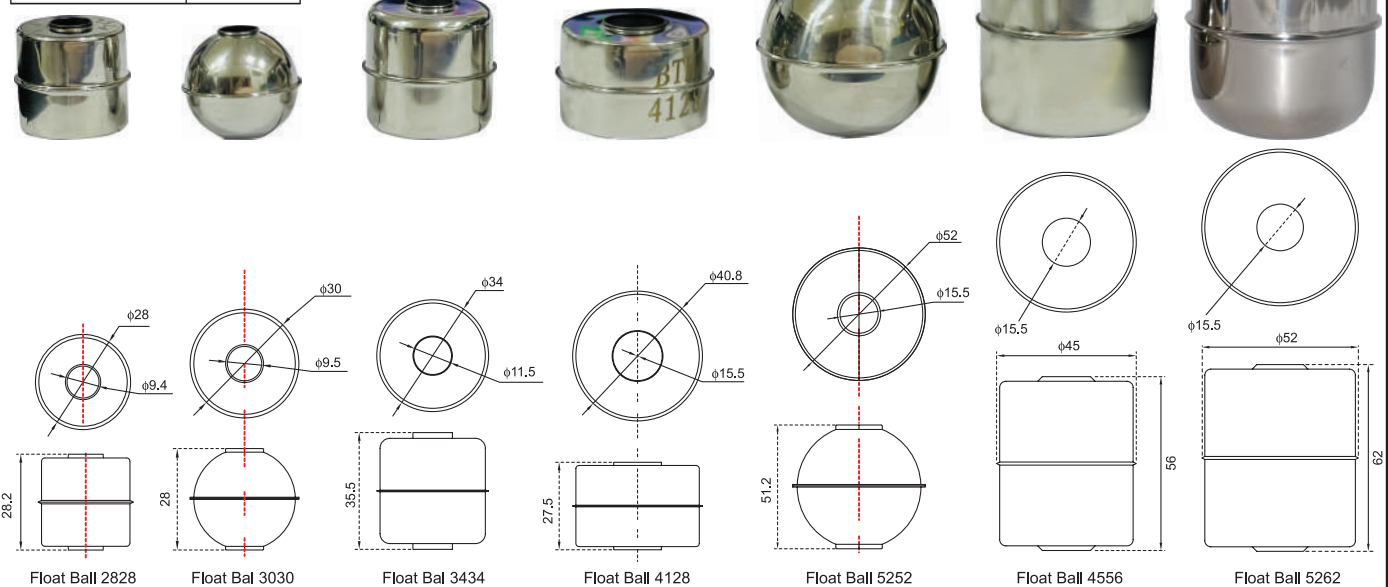


Order code	Model	Type	Material
PFB-1616 / 2417 / 2422		Float Ball	Plastic Body

Float Ball SS Body

BTH

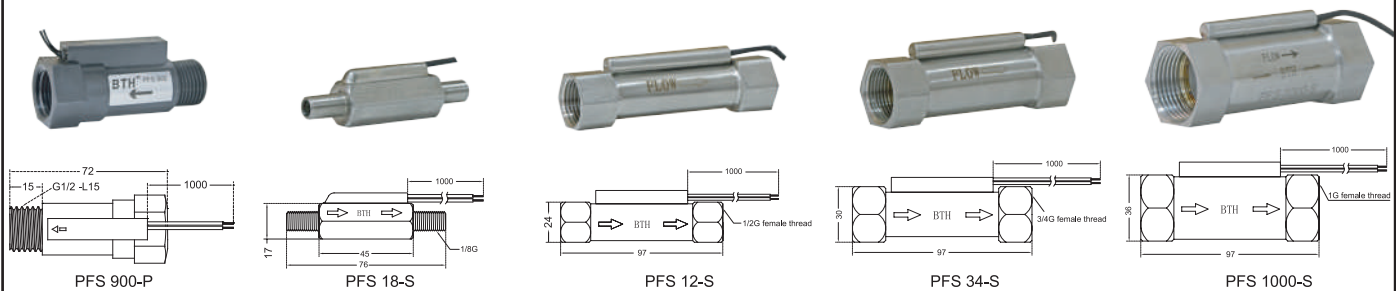
Model	Price ₹	Model	Price ₹
Float Ball 2828	350.00	Float Ball 5252	660.00
Float Ball 3030	350.00	Float Ball 4556	660.00
Float Ball 3434	560.00	Float Ball 5262	760.00
Float Ball 4128	560.00		



Order code	Model	Type	Material
Float Ball-2828 / 3030 / 3434 / 4128 / 5252 / 4556 / 5262		Float Ball	SS Body

Flow Signal Sensor

BTH



Model	PFS 900	PFS 18-S	PFS 12-S	PFS 34-S	PFS 1000-S
Price ₹	860.00	3160.00	3460.00	4160.00	4760.00

Order code	Model	Type	Material
PFS-900 / PFS-18-S / 12-S / 34-S / 1000-S		PFS	Plastic Body / SS Body

Model	Price ₹	Specification	Appearance / Dimension
Standard SSR			BTH 
Input DC Working Voltage AC, Single Phase			
BDA-2410-00	630.00	Input Voltage 3-32VDC, Load Voltage 24-480VAC Load Current 10A	 <p>Zero Crossing switching LED input signal indicator Integrated over voltage suppressor, Opto insulation (input/output) 2500Vrms, Protective cover On-off time <10mS, instant Voltage 900 VAC</p> <p>--DO--But instant Voltage upto 1600VAC</p> <p>W43.5*H29*L57.2</p>
BDA-2416-00	680.00	-DO- but, Rated Nominal Current 16A	
BDA-2425-00	780.00	-DO- but, Rated Nominal Current 25A	
BDA-2440-00	890.00	-DO- but, Rated Nominal Current 40A	
BDA-2460-00	1980.00	-DO- but, Rated Nominal Current 60A	
BDA-2480-00	2050.00	-DO- but, Rated Nominal Current 80A	
BDA-24100-00-S	2750.00	Rated Nominal Current 100A Small Body	
BDA-24120-00-S	2825.00	-DO- but, Rated Nominal Current 120A	
Input DC Working Voltage AC, Single Phase Long Heavy Duty			BTH 
BDA-2460-00-H	2490.00	Input Voltage 3~32VDC, Load Voltage 24~480VAC Load Current 60A Long Body	 <p>Heavy Duty Terminal for Industrial Application Load Voltage 40~500VAC Instant Voltage 1600VAC Dielectric Strength ≥2500VAC On-Off Time ≤10mS, LED indication Upto 150 Amp W25*H43*L92 Above 150 Amp. W35*H43*L94</p> 
BDA-2480-00-H	2600.00	-DO- but, Rated Nominal Current 80A	
BDA-24100-00	3300.00	-DO- but, Rated Nominal Current 100A	
BDA-24120-00	3520.00	-DO- but, Rated Nominal Current 120A	
BDA-24150-00	3740.00	-DO- but, Rated Nominal Current 150A	
BDA-24200-00	4180.00	-DO- but, Rated Nominal Current 200A	
BDA-24250-00	4620.00	-DO- but, Rated Nominal Current 250A	
BDA-24300-00	5720.00	-DO- but, Rated Nominal Current 300A	
BDA-24350-00	5950.00	-DO- but, Rated Nominal Current 350A	
BDA-24400-00	6600.00	-DO- but, Rated Nominal Current 400A	
Input DC, Working Voltage AC, Three Phase			BTH 
BDA-4816x3-00	2530.00	Input Voltage 3~32VDC, Load Voltage 24~440VAC Rated Nominal Current 3X 16A	 <p>Zero Crossing switching LED input signal indicator Integrated over voltage suppressor, Opto insulation (input/output) 2500Vrms, Protective cover, On-off time ≤10mS, instant Voltage 1000 VAC</p> <p>W74*H33*L105</p>
BDA-4840x3-00	3135.00	-DO- but, Rated Nominal Current 3x 40A	
BDA-4860x3-00	5500.00	-DO- but, Rated Nominal Current 3x 60A	
BDA-4880x3-00	5775.00	-DO- but, Rated Nominal Current 3x 80A	
BDA-48100x3-00	7150.00	-DO- but, Rated Nominal Current 3x 100A	
Input AC, Working Voltage AC Single Phase			BTH 
BAA-2410-00	635.00	Input Voltage 90~250VAC, Load Voltage 24~480VAC Load Current 10A	 <p>Zero Crossing switching LED input signal indicator, Integrated over voltage suppressor, Opto insulation (input/output) 2500Vrms, Protective cover On-Off Time ≤10mS instant Voltage 900VAC</p> <p>W42*H29*L57.2</p>
BAA-2416-00	765.00	-DO- but, Rated Nominal Current 16A	
BAA-2425-00	940.00	-DO- but, Rated Nominal Current 25A	
BAA-2440-00	1050.00	-DO- but, Rated Nominal Current 40A	
BAA-2460-00	1760.00	-DO- but, Rated Nominal Current 60A	
BAA-24100-00-S	2420.00	-DO- but, Rated Nominal Current 100A	
Input AC, Working Voltage AC, Three Phase			BTH 
BAA-4810x3-00	2640.00	-DO- but, Rated Nominal Current 3x 10A	 <p>Zero Crossing switching LED input signal indicator finger protected terminal Opto insulation 2500Vrms, Operating / Release time ≤1mS,</p>
BAA-4825x3-00	3325.00	-DO- but, Rated Nominal Current 3x 25A	
BAA-4840x3-00	3850.00	-DO- but, Rated Nominal Current 3x 40A	
Input DC, Working Voltage DC			BTH 
BDD-2410-00	770.00	Input Voltage 5~32VDC Load Voltage 12~250VDC Load Current 10A	 <p>Zero Crossing switching LED input signal indicator, Integrated over voltage suppressor, Opto insulation (input/output) 2500Vrms, Protective cover On-Off Time ≤5mS instant Voltage 400VAC</p> <p>W42*H29*L57.2</p>
BDD-2416-00	820.00	-DO- but, Rated Nominal Current 16A	
BDD-2425-00	860.00	-DO- but, Rated Nominal Current 25A	
BDD-2440-00	1070.00	-DO- but, Rated Nominal Current 40A	
BDD-24100-00-S	2475.00	-DO- but, Rated Nominal Current 100A	

Model	Price ₹	Specification	Appearance / Dimension
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Input 470~560KΩ Pot 2W, working Voltage 10~380VAC **BTH** ↗

BDR-2415-00	695.00	Input Resistance, Rated Load Voltage 10~380VDC Load Current rating 15A
BDR-2425-00	800.00	---DO--- but, Rated Nominal Current 25A
BDR-2440-00	920.00	---DO--- but, Rated Nominal Current 40A
BDR-2480-00	1930.00	---DO--- but, Rated Nominal Current 80A
BDR-24120-00-S	2380.00	---DO--- but, Rated Nominal Current 120A



W42*H29*L57.2

Single Phase Regulator, Opto insulation (input/output) 2500Vrms, Protective cover, No Isolation, instant Voltage 900VAC

Input 4~20mA SSR 1-Phase Analog Switching 240VAC **BTH** ↗

BDC-1E23-A15	1320.00	Input 4~20VDC, Load Voltage 90~280VAC Current rating 15A
BDC-1E23-A25	1650.00	---DO--- but, Rated Nominal Current 25A
BDC-1E23-A40	1815.00	---DO--- but, Rated Nominal Current 40A
BDC-1E23-A60	2200.00	---DO--- but, Rated Nominal Current 60A
BDC-1E23-A80	2530.00	---DO--- but, Rated Nominal Current 80A
BDC-1E23-A100-S	2915.00	---DO--- but, Rated Nominal Current 100A



W42*H29*L57.2

Single Phase Regulator, Opto insulation (input/output) 2500Vrms, Protective cover, No Isolation, instant Voltage 900VAC

Input 0~10VDC SSR 1-Phase Analog Switching 240VAC **BTH** ↗

BDV-1E23-A15	1430.00	Input 0~10VDC, Load Voltage 90~280VAC Current rating 15A
BDV-1E23-A25	1870.00	---DO--- but, Rated Nominal Current 25A
BDV-1E23-A40	1980.00	---DO--- but, Rated Nominal Current 40A
BDV-1E23-A80	2640.00	---DO--- but, Rated Nominal Current 80A
BDV-1E23-A100-S	3025.00	---DO--- but, Rated Nominal Current 100A



W42*H29*L57.2

Single Phase Regulator, Opto insulation (input/output) 2500Vrms, Protective cover, No Isolation, instant Voltage 900VAC

Input 4~20mA/0~10VDC, Aux 220VAC Single Phase **BTH** ↗

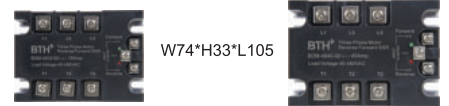
BPC-1-2-10	2300.00	---DO--- but, Rated Nominal Current 10A
BPC-1-2-30	2500.00	---DO--- but, Rated Nominal Current 30A
BPC-1-2-40	3250.00	---DO--- but, Rated Nominal Current 40A
BPC-1-2-100	4380.00	---DO--- but, Rated Nominal Current 100A



Single Phase Regulator, Regulating range 10~250VAC Insulation (input/output) 2500Vrms, Full Isolation, instant Voltage 600VAC

Motor Reversing Relay for Three Phase **BTH** ↗

BDM-4810-00	3300.00	Input Voltage 5VDC, Rated Load Voltage 40~480VAC Load Current 10A (suitable up to 1 HP 3 phase)
BDM-4816-00	3630.00	---DO--- but, Load Current 16A (suitable up to 2~3 HP 3 phase)
BDM-4840-00	5940.00	---DO--- but, Load Current 40A (suitable up to 7.5 HP 3 phase)



W74*H33*L105

Motor Reversing Relay Three Phase, Insulation (input/output) 2500Vrms, On-Off Time ≤10mS, Instant Voltage 1600VAC

Heat Sinks **BTH** ↗

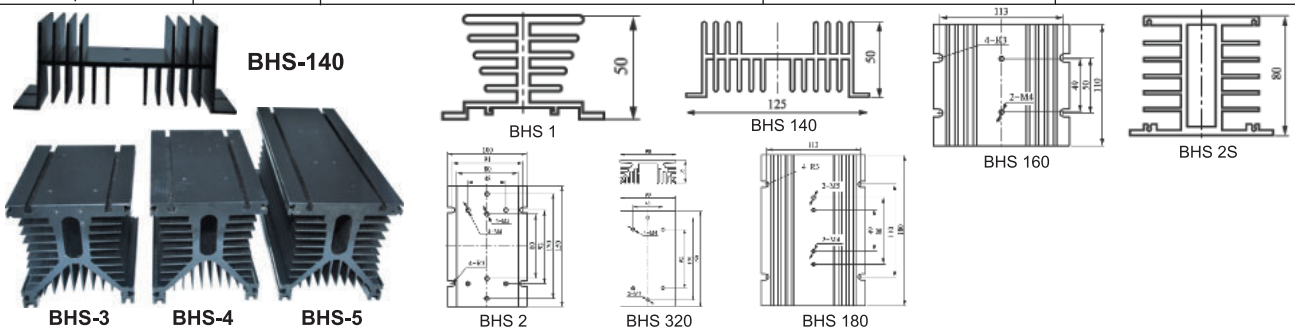
Model	Price ₹	Suitable for	Size
BHS-1	295.00	≤20A for 1-phase SSR	L-80* W-50* H-50
BHS-1H	760.00	≤100A for 1-phase SSR	L-100* W-50* H-95
BHS-140	480.00	≤40A for 1-phase SSR	L-125* W-70* H-50
BHS-160	740.00	≤60A for 1-phase SSR	L-125* W-110* H-50
BHS-180	1210.00	≤100A for 1-phase SSR	L-125* W-180* H-50
BHS-320	800.00	≤20A for 3-phase SSR	L-150* W-90* H-35
BHS-2S	995.00	≤40A for 3-phase SSR	L-105* W-100* H-80
BHS-2	1375.00	≤60A for 3-phase SSR	L-150* W-100* H-80
BHS-3	5000.00	≤100A for 3-phase SSR	L-150* W-125* H-135
BHS-4	6930.00	≤200A with for 3-phase SSR	L-200* W-125* H-135
BHS-5	9600.00	≤250A with for 3-phase SSR	L-300* W-125* H-135
Heat Sink Compound for SSR	825.00		



BHS-1



BHS-2



The specification & prices are subject to change without prior notice
GST & Freight extra as Applicable All dimensions in mm

Model	Price ₹	Specification	Appearance / Dimension
Thyristor Power Controller (SCR Power Controller) Single Phase			BTH
TPR-1-30-220NF	13000.00	30amp single phase without fan	 30amp single phase 40~120amp single phase
TPR-1-40-220	15750.00	40amp single phase with fan	
TPR-1-80-220	22500.00	80amp single phase with fan	
TPR-1-120-220	31850.00	120amp single phase with fan	
Thyristor Power Controller (SCR Power Controller) Three Phase			
TPR-3-30-400	24570.00	30amp three phase with fan	 30~125amp three phase
TPR-3-40-400	25770.00	40amp three phase with fan	
TPR-3-60-400	27570.00	60amp three phase with fan	 160 & 200amp three phase
TPR-3-80-400	29400.00	80amp three phase with fan	
TPR-3-100-400	33000.00	100amp three phase with fan	
TPR-3-125-400	36770.00	125amp three phase with fan	
TPR-3-160-400	73500.00	160amp three phase with fan	 250~400amp three phase
TPR-3-200-400	93700.00	200amp three phase with fan	
TPR-3-250-400	112000.00	250amp three phase with fan	
TPR-3-300-400	124000.00	300amp three phase with fan	
TPR-3-400-400	181000.00	400amp three phase with fan	
Spare Fuse & PCB available on request			
Spare Fuse			
for 30/40/60Amp. TPR Rs 700.00 for 80/100/125Amp. TPR Rs 875			
for 160 & 200Amp. TPR Rs1400.00 for 250 & 300Amp. TPR Rs 3000.00			
Spare PCB			
for 30~125Amp. Single Phase Rs 10500.00			
for 30~125Amp. Three Phase Rs 12250.00			
for 160 & 200Amp. Three Phase Rs 14000.00			
for 250 ~ 400Amp. Three Phase Rs 21000.00			
<p>Single phase</p>	<p>Three phase</p>	<p>Hot Air</p> <p>Cold Air</p>	<p>Current input 4~20mAmp.</p> <p>Voltage input 0~10VDC</p> <p>Manual Input potentiometer</p> <p>Contact Input</p> <p>Control Action Phase angle Control</p> <p>Heavy duty heat sink</p> <p>Internal High Speed Fuse (except 400Amp.)</p> <p>Ambient Temperature -10° ~ 50°C</p> <p>Humidity Max 85%</p>

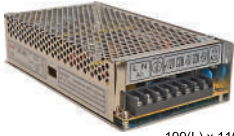


Model	Price ₹	Specification	Appearance / Dimension
5VDC Output			BTH
PKS-15-5	1025.00	Input 85~132VAC, 170~264VAC, Output 5V, 3A	PKS-15 98(L) x 97(W) x 35(H)
PKS-25-5	1075.00	Input 85~132VAC(.5A), 170~264VAC(.35A), Output 5V, 5A	PKS-25 98(L) x 97(W) x 35(H)
PKS-35-5	1305.00	Input 85~132VAC, 170~264VAC, Output 5V, 7A	PKS-35 129(L) x 98(W) x 38(H)
PKS-50-5	1475.00	Input 85~132VAC, 170~264VAC, Output 5V, 10A	
PKS-100-5	1975.00	Input 85~132VAC, 170~264VAC, Output 5V, 20A	
PKS-150-5	2650.00	Input 85~132VAC, 170~264VAC, Output 5V, 30A	
PKS-250-5	3800.00	Input 85~132VAC, 170~264VAC, Output 5V, 45A	
12VDC Output Mini Type			BTH
S-S-10-12	915.00	Input 85~264VAC, 220~373VDC, Output 12V, 1A	S-S-10 78(L) x 48(W) x 21(H)
S-S-20-12	1000.00	Input 90~264VAC, 240~373VDC, Output 12V, 2A	
12VDC PLRS Series (Low Profile)			BTH
PLRS-50-12	1180.00	Input 85~264VAC, 240~373VDC, Output 12V, 4.2A	PLRS-50 99(L) x 82(W) x 30(H)
PLRS-60-12	1375.00	Input 85~264VAC, 240~373VDC, Output 12V, 5A	
PLRS-75-12	1450.00	Input 85~264VAC, 240~373VDC, Output 12V, 6A	PLRS-75 104(L) x 97(W) x 30(H)
PLRS-120-12	1660.00	Input 85~264VAC, 240~373VDC, Output 12V, 10A	
PLRS-150-12	1920.00	Input 85~132VAC, 170~264VAC, Output 12V, 12.5A	
PLRS-350-12	3575.00	Input 85~132VAC, 170~264VAC, Output 12V, 29A	
12VDC Output			BTH
PKS-15-12	1025.00	Input 85~132VAC, 170~264VAC, Output 12V, 1.3A	PKS-60 159(L) x 98(W) x 38(H)
PKS-35-12	1305.00	Input 85~132VAC, 170~264VAC, Output 12V, 3A	
PKS-60-12	1475.00	Input 85~132VAC, 170~264VAC, Output 12V, 5A	PKS-100 199(L) x 98(W) x 38(H)
PKS-100-12	1925.00	Input 85~132VAC, 170~264 VAC, Output 12V, 8.5A	
PKS-145-12	2250.00	Input 85~132VAC, 170~264VAC, Output 12V, 12A	PKS-145 199(L) x 98(W) x 38(H)
PKS-150-12	2650.00	Input 85~132VAC, 170~264VAC, Output 12V, 12.5A	
PKS-250-12	3800.00	Input 85~132VAC, 170~264VAC, Output 12V, 20A	PKS-150 199(L) x 110(W) x 50(H)
PKS-350-12	3975.00	Input 85~132VAC, 170~264VAC, Output 12V, 29A	
PKS-500-12	7550.00	AC input 220VAC +20%, DC output 12V, 40A	
PKS-600-12	10400.00	AC input 220VAC +20%, DC output 12V, 50A	
PKS-720-12	13000.00	AC input 220VAC +20%, DC output 12V, 60A	
15VDC Output			BTH
PKS-60-15	1620.00	Input 85~132VAC, 170~264VAC, Output 15V, 4A	
PKS-145-15	2475.00	Input 85~132VAC, 170~264VAC, Output 15V, 9.6A	
PKS-150-15	2875.00	Input 85~132VAC, 170~264VAC, Output 15V, 10A	
PKS-250-15	4175.00	Input 85~132VAC, 170~264VAC, Output 15V, 15A	
PKS-350-15	4325.00	Input 85~132VAC, 170~264VAC, Output 15V, 23A	
24VDC Output Mini Type			BTH
S-S-10-24	915.00	Input 85~264VAC, 220~373VDC, Output 24V, .5A , 78*48*21mm	S-S-20 97(L) x 58(W) x 25(H)
S-S-20-24	1000.00	Input 90~264VAC, 240~373VDC, Output 24V, 1A , 95.6*58*25mm	

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GST & Freight extra as Applicable All dimensions in mm

Model	Price ₹	Specification	Appearance / Dimension
24VDC PLRS Series (Low Profile)			BTH
PLRS-60-24	1375.00	Input 85~264VAC, 240~373VDC, Output 24V, 2.5A	 PLRS-150 159(L) x 97(W) x 30(H)
PLRS-75-24	1475.00	Input 85~264VAC, 240~373VDC, Output 24V, 3.2A	
PLRS-120-24	1660.00	Input 85~264VAC, 240~373VDC, Output 24V, 5A	
PLRS-150-24	2020.00	Input 85~132VAC, 170~264VAC, Output 24V, 6.5A	 PKS-250 215(L) x 115(W) x 50(H)
PLRS-350-24	3575.00	Input 85~132VAC, 170~264VAC, Output 24V, 14.6A	
24VDC Output			BTH
PKS-15-24	1025.00	Input 85~132VAC, 170~264VAC, Output 24V, .7A	 PKS-350 215(L) x 115(W) x 50(H)
PKS-35-24	1305.00	Input 85~132VAC(.8A), 170~264VAC(.45A), Output 24V, 1.5A	
PKS-50-24	1450.00	Input 85~132VAC, 170~264VAC, Output 24V, 2.1A	
PKS-100-24	1925.00	Input 85~132VAC, 170~264VAC, Output 24V, 4.5A	
PKS-145-24	2250.00	Input 85~132VAC, 170~264VAC, Output 24V, 6A	
PKS-150-24	2650.00	Input 85~132VAC, 170~264VAC, Output 24V, 6.5A	
PKS-250-24	3800.00	Input 85~132VAC, 170~264VAC, Output 24V, 10A	 PKS-500 222(L) x 110(W) x 58(H)
PKS-350-24	3975.00	Input 85~132VAC, 170~264VAC, Output 24V, 14.6A	
PKS-500-24	7550.00	AC input 220VAC +20%, DC output 24V, 20A	
PKS-600-24	10400.00	AC input 220VAC +20%, DC output 24V, 25A	
PKS-720-24	13000.00	AC input 220VAC +20%, DC output 24V, 30A	
Din Rail Mounting			BTH
SRS-24-24	840.00	AC input 85~264VAC, DC Output 24V 1Amp. <i>Will be discontinued shortly</i>	 SRS-24-24 PRS-20-24 PRS-60-24
PRS-20-24	750.00	AC input 85~264VAC, DC Output 24V 1Amp. <i>Will be discontinued shortly</i>	
PRS-60-24	1250.00	AC input 85~264VAC, DC Output 24V 2.5Amp. <i>Will be discontinued shortly</i>	
PRS-100-24	2000.00	AC input 85~264VAC, DC Output 24V 4Amp. <i>Will be discontinued shortly</i>	
48VDC PLRS Series (Low Profile)			BTH
PLRS-75-48	1600.00	AC input 88~264VAC, DC output 48V, 1.6A	 PLRS-350 215(L) x 115(W) x 30(H)
PLRS-100-48	1750.00	AC input 88~264VAC, DC output 48V, 2.3A	
PLRS-150-48	2100.00	AC input 88~264VAC, DC output 48V, 3.3A	
PLRS-200-48	2950.00	AC input 110/220VAC, DC output 48V, 4.4A	
PLRS-350-48	3925.00	AC input 110/220VAC, DC output 48V, 7.3A	
48VDC Output			BTH
PKS-100-48	2125.00	Input 85~132VAC, 170~264VAC, Output 48V, 2A	 PKS-600 252(L) x 110(W) x 58(H)
PKS-150-48	2875.00	Input 85~132VAC, 170~264VAC, Output 48V, 3A	
PKS-250-48	4150.00	Input 85~132VAC, 170~264VAC, Output 48V, 5A	 PKS-720 250(L) x 135(W) x 70(H)
PKS-350-48	4320.00	Input 85~132VAC, 170~264VAC, Output 48V, 7.3A	
PKS-500-48	7550.00	AC input 220VAC +20%, DC output 48V, 10A	
PKS-600-48	10400.00	AC input 220VAC +20%, DC output 48V, 12.5A	
PKS-720-48	13000.00	AC input 220VAC +20%, DC output 48V, 15A	

The specification & prices are subject to change without prior notice
 GST & Freight extra as Applicable All dimensions in mm


Model	Price ₹	Specification	Appearance / Dimension
48VDC Output SPP Series BTH ↗			
SPP-50-48	2060.00	Input Voltage 88~264AC, 124~370VDC, Output 48VDC 1.1A Over Load, Over Voltage, Short Circuit Protection	 <p>SPP-350 215(L) x 115(W) x 50(H)</p>
SPP-100-48	2750.00	Input 88~132VAC, 180~264 VAC, Output 48VDC, 2.1A Over Load, Over Voltage, Short Circuit Protection	
SPP-350-48	5060.00	Input 90~132VAC, 180~264 VAC, Output 48VDC, 7.3A Over Load, Over Voltage, Short Circuit, Over Temp Protection	
5V, 12VDC Dual Output BTH ↗			
PKD-30A	1620.00	Input 85~132VAC(.8A), 170~264VAC(.45A), Output 5V/4A, 12V/1A	 <p>PKD-30 129(L) x 98(W) x 38(H)</p>
PKD-50A	1790.00	Input 85~132VAC(1.3A), 170~264VAC(.65A), Output 5V/6A, 12V/2A	
PKD-60A	2060.00	Input 85~264VAC (115V 2A 230V 1A) Output 5V/4A, 12V/3A 12V (Adj.12V)	 <p>PKD-50 159(L) x 98(W) x 38(H)</p>
PKD-120A	4160.00	Input 85~132VAC(2.8A) 170~264VAC(1.6A), Output 5V/12A, 12V/5A	
PKD-210A	7090.00	Input 85~132VAC, 170~264VAC, Output 5V/6A, 12V/15A	
5V, 24VDC Dual Output BTH ↗			
PKD-30B	1620.00	Input 85~132VAC(.8), 170~264VAC(.45A) Output 5V/2A, 24V/1A	 <p>PKD-60 159(L) x 98(W) x 38(H)</p>
PKD-50B	1790.00	Input 85~132VAC(1.3A), 170~264VAC(.65A) Output 5V/6A, 24V/1A	
PKD-60B	2060.00	Input 85~264VAC (115V 2A 230V 1A), Output 5V/3A, 24V/2A	 <p>PKD-120 199(L) x 110(W) x 50(H)</p>
PKD-120B	4160.00	Input 85~132VAC(2.5A), 170~264VAC(1.25A) Output 5V/6A, 24V/4A	
5V, 24VDC Dual Output (Isolated) BTH ↗			
PKD-60B Isolated	2160.00	Input 85~264VAC (115V 2A 230V 1A), Output 5V/3A, 24V/2A Isolated Output	 <p>PKD-210 199(L) x 110(W) x 50(H)</p>
PKD-120B Isolated	4275.00	Input 85~132VAC(2.5A), 170~264VAC(1.25A) Output 5V/6A, 24V/4A Isolated Output	
+12V, -12VDC Dual Output (Isolated) BTH ↗			
PKD-60C Isolated	2160.00	Input 85~132VAC, 170~264VAC Output 12V/1~2.5A, -12V/1.3~2.5A Isolated Output	 <p>PKD-210 199(L) x 110(W) x 50(H)</p>
PKD-120C Isolated	4275.00	Input 85~132VAC, 170~264VAC Output 12V/1~5A, -12V/1.5~5A Isolated Output	
12V, 24VDC Dual Output (Isolated) BTH ↗			
PKD-60F	2160.00	Input 85~132VAC, 170~264VAC Output 12V/2A, 24V/1.5A Isolated Output	 <p>PKD-210 199(L) x 110(W) x 50(H)</p>
PKD-120F	4275.00	Input 85~132VAC, 170~264VAC Output 12V/1~5A, -12V/1.4~2.5A Isolated Output	
5V, 12V, -5VDC Triple Output BTH ↗			
PKT-50A	1960.00	Input 85~132VAC(1.6A), 170~264VAC(.8A) Output 5V/7A, 12V/1A, -5V/1A	 <p>PKT-50 159(L) x 98(W) x 38(H)</p>
PKT-60A	2160.00	Input 85~264VAC (115V 2A 230V 1A) Output 5V/5A, 12V/2.5A, -5V/1.5A	
PKT-120A	4260.00	Input 85~132VAC(2A), 170~264VAC(1A), Output 5V/2~11A, 12V/1.5~5A, -5V/1.2~1A	
5V, 12V, -12VDC Triple Output BTH ↗			
PKT-50B	1960.00	Input 85~132VAC(1.6A), 170~264VAC(.8A) Output 5V/5A, 12V/1A, -12V/1A	 <p>PKT-60 159(L) x 98(W) x 38(H)</p>
PKT-60B	2160.00	Input 85~264VAC (115V 2A 230V 1A) Output 5V/5A, 12V/2.5A, -12V/1.5A	
PKT-120B	4260.00	Input 85~132VAC(2A), 170~264VAC(1A) Output 5V/2~11A, 12V/1.5~4.5A, -12V/1.2~1A	
5V, 15V, -15VDC Triple Output BTH ↗			
PKT-50C	1960.00	Input 85~132VAC(1.6A), 170~264VAC(.8A) Output 5V/4A, 15V/1A, -15V/1A	 <p>PKT-60 159(L) x 98(W) x 38(H)</p>
PKT-60C	2160.00	Input 85~264VAC (115V 2A 230V 1A) Output 5V/5A, 15V/2A, -15V/1.5A	
PKT-120C	4260.00	Input 85~132VAC(2A), 170~264VAC(1A) Output 5V/2~10A, 15V/1.5~3.5A, -15V/1.1~1A	

Model	Price ₹	Specification	Appearance / Dimension
5V, 12V, 24V DC Triple Output BTH↗			
PKT-50D	1960.00	Input 85~132VAC(1.6A), 170~264VAC(.8A) Output 5V/3A, 12V/1A, 24V/1A	 <p>PKT-120 199(L) x 110(W) x 59(H)</p>
PKT-60D	2160.00	Input 85~264VAC (115V 2A 230V 1A) Output 5V/1.5~5A, 12V/1.2~2.5A, 24V/1.2~.5A	
PKT-120D	4260.00	Input 85~132VAC(1.6A), 170~264VAC(.8A) Output 5V/2~12A, 12V/1.2~.5A, 24V/1.2~2A	
5V, 12V, -5V, -12V DC Four Output BTH↗			
PKQ-60-B	2250.00	Input 88~132VAC, 176~264VAC Output 5V/5.5A, 12V/2A, -5V/1.5A, -12V/1.5A	 <p>PKQ-60 159(L) x 98(W) x 38(H)</p>
PKQ-120-B	4450.00	Input 88~132VAC(2.5), 176~264VAC(1.25) Output 5V/11A, 12V/4A, -5V/1A, -12V/1A	
5V, 15V, -5V, -15V DC Four Output BTH↗			
PKQ-60-C	2250.00	Input 85~264VAC (115V 2A 230V 1A) Output 5V/5.5A, 15V/1.5A, -5V/1.5A, -15V/1.5A	 <p>PKQ-120 199(L) x 110(W) x 59(H)</p>
PKQ-120-C	4450.00	Input 88~132VAC(2.5A), 176~264VAC(1.25A) Output 5V/10A, 15V/3.5A, -5V/1A, -15V/1A	
5V, 12V, 24V, -12V DC Four Output BTH↗			
PKQ-60D	2250.00	Input 85~264VAC (115V 2A 230V 1A) Output 5V/4A, 12V/1A, 24V/1A, -12V/1.5A	 <p>PKQ-120 199(L) x 110(W) x 59(H)</p>
PKQ-120-D	4450.00	Input 88~132VAC(2.5A), 176~264VAC(1.5A) Output 5V/8A, 12V/2A, 24V/2A, -12V/1A	


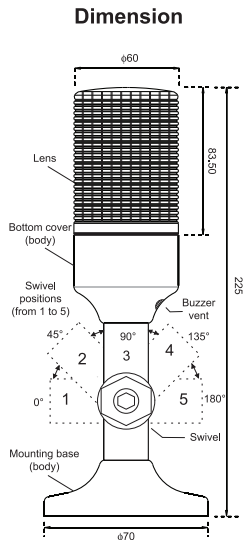
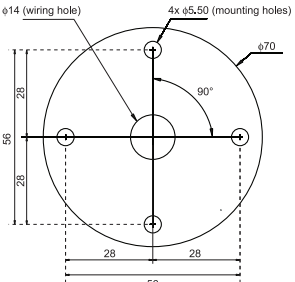
DIN RAIL POWER SUPPLIES **selec**®

RPS60-05	2017.00	50W, 05V/10A DIN rail mounted Power Supply in Plastic Housing	 <p>RP-2M-1.1A-24VDC RPS60-24-CE</p>
RPS60-12	2016.00	60W, 12V/5A DIN rail mounted Power Supply in Plastic Housing	
RPS120-12	2334.00	96W, 12V/8A DIN rail mounted Power Supply in Plastic Housing	 <p>RPS120-24</p>
RP-2M-1.1A-24VDC	1650.00	26.4W, 24V/1.1A DIN rail mounted Power Supply in Plastic Housing	
RPS60-24	2014.00	60W, 24V/2.5A DIN rail mounted Power Supply in Plastic Housing	
RPS60-24-CE	2342.00	60W, 24V/2.5A DIN rail mounted Power Supply in Plastic Housing - CE Certified	 <p>RPS240-24 RPS240-24-CE</p>
RPS120-24	2334.00	120W, 24V/5A DIN rail mounted Power Supply in Plastic Housing	
RPS120-24-CE	2889.00	120W, 24V/5A DIN rail mounted Power Supply in Plastic Housing - CE Certified	 <p>RPS480-24-CE</p>
PPS240-24	4400.00	240W, 24V/10A Metal Housing Power Supply	
RPS240-24-CE	7142.00	240W, 24V/10A DIN rail mounted Power Supply in Plastic Housing - CE Certified	 <p>RPS480-24-CE</p>
RPS480-24-CE	11687.00	480W, 24V/20A DIN rail mounted Power Supply in Plastic Housing - CE Certified	
RPS60-48	2014.00	60W, 48V/1.25A DIN rail mounted Power Supply in Plastic Housing	
RPS120-48	2335.00	120W, 48V/2.5A DIN rail mounted Power Supply in Plastic Housing	
RPS240-48-CE	7143.00	240W, 48V/5A DIN rail mounted Power Supply in Plastic Housing - CE Certified	
RPS480-48-CE	11690.00	480W, 48V/10A DIN rail mounted Power Supply in Plastic Housing - CE Certified	

BATTERY CHARGERS **selec**®

BC1-1210	5959.00	12V/10A Wall mounted Battery charger in Metal Housing	 <p>BC1-1210 BC2-2410</p>
BC2-2410	6837.00	24V/10A Wall mounted Battery charger in Metal Housing	

The specification & prices are subject to change without prior notice
GST & Freight extra as Applicable All dimensions in mm

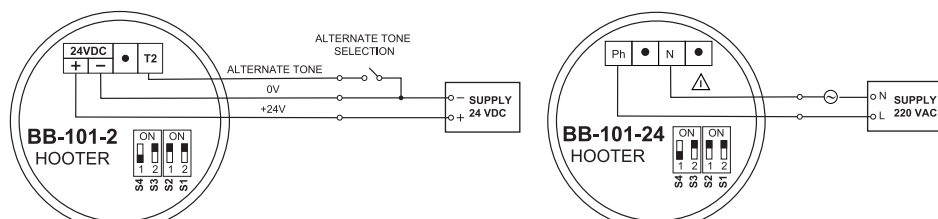
Model	Price ₹	Specification	Appearance / Dimension
Visible & Audible Industrial Signal			BTH
24VDC Steady			
BSC-R-1W2	1400.00	24VDC, One Stage (R), Steady	
BSC-RG-2W2	1925.00	24VDC, Two Stage (RG), Steady	
BSC-RYG-3W2	2400.00	24VDC, Three Stage (RYG), Steady	
BSC-RYGB-4W2	3400.00	24VDC, Four Stage (RYGB), Steady	
24VDC Steady + Buzzer			<p>Dimension</p> 
BSC-R-1W2B	1525.00	24VDC, One Stage, Steady (R) + Buzzer	
BSC-RG-2W2B	2075.00	24VDC, Two Stage, Steady (RG) + Buzzer	
BSC-RYG-3W2B	2575.00	24VDC, Three Stage, Steady (RYG) + Buzzer	
BSC-RYGB-4W2B	3500.00	24VDC, Four Stage, Steady (RYGB) + Buzzer	
24VDC Steady + Buzzer + Flashing			<p>Mounting Dimension</p> 
BSF-R-1W2B	1725.00	24VDC, One Stage, Flashing (R) + Buzzer	
BSF-RG-2W2B	2350.00	24VDC, Two Stage, Flashing (RG) + Buzzer	
BSF-RYG-3W2B	3000.00	24VDC, Three Stage, Flashing (RYG) + Buzzer	
BSF-RYGB-4W2B	3700.00	24VDC, Four Stage, Flashing (RYGB) + Buzzer	
220VAC Steady			
BSC-R-1W22	1575.00	220VAC, One Stage (R), Steady	
BSC-RG-2W22	2175.00	220VAC, Two Stage (RG), Steady	
BSC-RYG-3W22	2825.00	220VAC, Three Stage (RYG), Steady	
R-red, Y-yellow, G-green, B-blue Light source LED, Buzzer-85 dB at 1 meter			

Audible Signaling Hooter

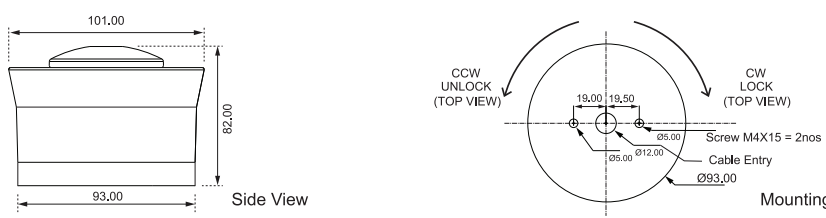
BB-101-2	1850.00	24VDC Buzzer, 50mA, <110dB
BB-101-24	2025.00	220VAC Buzzer, 35mA, <110dB



Connection Diagrams



Dimensions



The specification & prices are subject to change without prior notice
GST & Freight extra as Applicable All dimensions in mm