

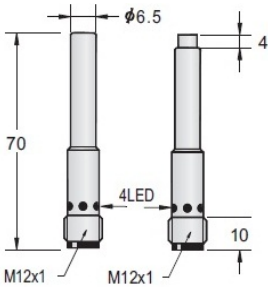
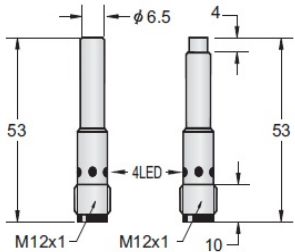


DC INDUCTIVE PROXIMITY SWITCH(φ6.5)

Diameter	φ6.5			φ6.5		
Shielded/non-Shielded	Shielded/ Non-Shielded			Shielded/ Non-Shielded		
Switching Distance Sn mm	3mm / 6mm			3mm / 6mm		
Housing Material	stainless steel			stainless steel		
With LED/Without LED	With LED			With LED		
Picture						
Operating Voltage	10-30VDC			10-30VDC		
Ripple	<10%			<10%		
No Load Current	<10mA			<10mA		
Max. Load Current	200mA			200mA		
Leakge Current	<0.01mA			<0.01mA		
Voltage Drop	<2.0V			<2.0V		
Switching Frequency	1KHZ/500HZ			1KHZ/500HZ		
Response Time	0.2ms/0.2ms / 0.5ms/0.5ms			0.2ms/0.2ms / 0.5ms/0.5ms		
Switching Hysteresis	<15%(Sr)			<15%(Sr)		
Repeat Accuracy	<1.0%(Sr)			<1.0%(Sr)		
Protection Category	IP67			IP67		
Operating Temperature	-25 °C - +70 °C			-25 °C - +70 °C		
Temperature Drift	<10%(Sr)			<10%(Sr)		
Short Circuit Protection	YES			YES		
Overload Trip Point	220MA			220MA		
Material Active Face	POM			POM		
DC 3 wire 10-30V NPN N.O.	D1S1-φ6.503N-OEA4	D1S2-φ6.506N-OEA4	31	D1S1-φ6.503N-OES4	D1S2-φ6.506N-OES4	31
DC 3 wire 10-30V NPN N.C.	D1S1-φ6.503N-CEA4	D1S2-φ6.506N-CEA4	32	D1S1-φ6.503N-CES4	D1S2-φ6.506N-CES4	32
DC 3 wire 10-30V PNP N.O.	D1S1-φ6.503P-OEA4	D1S2-φ6.506P-OEA4	33	D1S1-φ6.503P-OES4	D1S2-φ6.506P-OES4	33
DC 3 wire 10-30V PNP N.C.	D1S1-φ6.503P-CEA4	D1S2-φ6.506P-CEA4	34	D1S1-φ6.503P-CES4	D1S2-φ6.506P-CES4	34
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)	-			-		
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)	-			-		
DC 2 wire 10-60V N.O.	-			-		
DC 2 wire 10-60V N.C.	-			-		
DC 3 wire 10-55v NPN N.O.	-			-		
DC 3 wire 10-55v NPN N.C.	-			-		
DC 3 wire 10-55v PNP N.O.	-			-		
DC 3 wire 10-55v PNP N.C.	-			-		
DC 3 wire 5-36V PNP N.C.	-			-		
DC 3 wire 5-36V PNP N.O.	-			-		
DC 3 wire 5-36V NPN N.C.	-			-		
DC 3 wire 5-36V NPN N.O.	-			-		
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)	-			-		
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)	-			-		
Wiring diagram number	↑			↑		
Dimensions (unit: mm)						
Cable 2M (PVC)	-			-		
Weight	approx.25 g			approx.20g		

Subject to modifications without notice

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