

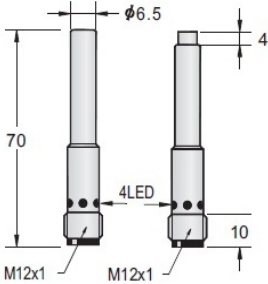
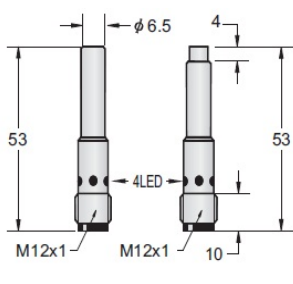


DC INDUCTIVE PROXIMITY SWITCH(φ6.5)

Diameter	φ6.5			φ6.5				
Shielded/non-Shielded	Shielded/ Non-Shielded			Shielded/ Non-Shielded				
Switching Distance Sn mm	1mm / 2mm			1mm / 2mm				
Housing Material	stainless steel			stainless steel				
With LED/Without LED	With LED			With LED				
Picture								
Operating Voltage	10-30VDC / 5-36VDC / 10-55V/ 10-60VDC			10-30VDC / 5-36VDC				
Ripple	<10%			<10%				
No Load Current	<10mA			<10mA				
Max. Load Current	200mA			200mA				
Leakge Current	<0.01mA			<0.01mA				
Voltage Drop	<1.5V			<1.5V				
Switching Frequency	2KHZ			2KHZ				
Response Time	0.1ms/0.1ms			0.1ms/0.1ms				
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-φ6.501N-OEA4	∣	D1S2-φ6.502N-OEA4	31	D1S1-φ6.501N-OES4	∣	D1S2-φ6.502N-OES4	31
DC 3 wire 10-30V NPN N.C.	D1S1-φ6.501N-CEA4	∣	D1S2-φ6.502N-CEA4	32	D1S1-φ6.501N-CES4	∣	D1S2-φ6.502N-CES4	32
DC 3 wire 10-30V PNP N.O.	D1S1-φ6.501P-OEA4	∣	D1S2-φ6.502P-OEA4	33	D1S1-φ6.501P-OES4	∣	D1S2-φ6.502P-OES4	33
DC 3 wire 10-30V PNP N.C.	D1S1-φ6.501P-CEA4	∣	D1S2-φ6.502P-CEA4	34	D1S1-φ6.501P-CES4	∣	D1S2-φ6.502P-CES4	34
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)	D1S1-φ6.501P-SEA4	∣	D1S2-φ6.502P-SEA4	36	-	-	-	-
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)	D1S1-φ6.501N-SEA4	∣	D1S2-φ6.502N-SEA4	35	-	-	-	-
DC 2 wire 10-60V N.O.	D4S1-φ6.501C-OEA4	∣	D4S2-φ6.502C-OEA4	37	-	-	-	-
DC 2 wire 10-60V N.C.	D4S1-φ6.501C-CEA4	∣	D4S2-φ6.502C-CEA4	38	-	-	-	-
DC 3 wire 10-55v NPN N.O.	D3S1-φ6.501N-OEA4	∣	D3S2-φ6.502N-OEA4	31	-	-	-	-
DC 3 wire 10-55v NPN N.C.	D3S1-φ6.501N-CEA4	∣	D3S2-φ6.502N-CEA4	32	-	-	-	-
DC 3 wire 10-55v PNP N.O.	D3S1-φ6.501P-OEA4	∣	D3S2-φ6.502P-OEA4	33	-	-	-	-
DC 3 wire 10-55v PNP N.C.	D3S1-φ6.501P-CEA4	∣	D3S2-φ6.502P-CEA4	34	-	-	-	-
DC 3 wire 5-36V PNP N.C.	D2S1-φ6.501N-OEA4	∣	D2S2-φ6.502N-OEA4	31	D2S1-φ6.501N-OES4	∣	D2S2-φ6.502N-OES4	31
DC 3 wire 5-36V PNP N.O.	D2S1-φ6.501N-CEA4	∣	D2S2-φ6.502N-CEA4	32	D2S1-φ6.501N-CES4	∣	D2S2-φ6.502N-CES4	32
DC 3 wire 5-36V NPN N.C.	D2S1-φ6.501P-OEA4	∣	D2S2-φ6.502P-OEA4	33	D2S1-φ6.501P-OES4	∣	D2S2-φ6.502P-OES4	33
DC 3 wire 5-36V NPN N.O.	D2S1-φ6.501P-CEA4	∣	D2S2-φ6.502P-CEA4	34	D2S1-φ6.501P-CES4	∣	D2S2-φ6.502P-CES4	34
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)	D2S1-φ6.501P-SEA4	∣	D2S2-φ6.502P-SEA4	36	-	-	-	-
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)	D2S1-φ6.501N-SEA4	∣	D2S2-φ6.502N-SEA4	35	-	-	-	-
Wiring diagram number								
Dimensions (unit: mm)								
Cable 2M (PVC)	-			-				
Weight	approx.25 g			approx.20g				

Subject to modifications without notice

Tel: +86-755-2646 7962

Fax: +86-755-2646 7925

MSN: dfan852@hotmail.com

Web: www.mountiger.com

E-mail: sales@mountiger.com

QQ: 873764592


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