



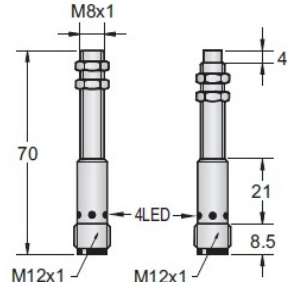
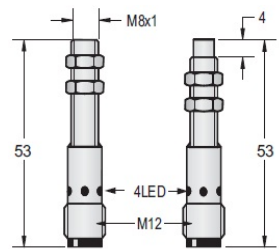


# DC INDUCTIVE PROXIMITY SWITCH(M8)

Diameter	M8			M8		
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-M0801N-OEA4	D1S2-M0802N-OEA4	31	D1S1-M0801N-OES4	D1S2-M0802N-OES4	31
DC 3 wire 10-30V NPN N.C.	D1S1-M0801N-CEA4	D1S2-M0802N-CEA4	32	D1S1-M0801N-CES4	D1S2-M0802N-CES4	32
DC 3 wire 10-30V PNP N.O.	D1S1-M0801P-OEA4	D1S2-M0802P-OEA4	33	D1S1-M0801P-OES4	D1S2-M0802P-OES4	33
DC 3 wire 10-30V PNP N.C.	D1S1-M0801P-CEA4	D1S2-M0802P-CEA4	34	D1S1-M0801P-CES4	D1S2-M0802P-CES4	34
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)	D1S1-M0801P-SEA4	D1S2-M0802P-SEA4	36	-	-	
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)	D1S1-M0801N-SEA4	D1S2-M0802N-SEA4	35	-	-	
DC 2 wire 10-60V N.O.	D4S1-M0801C-OEA4	D4S2-M0802C-OEA4	37	-	-	
DC 2 wire 10-60V N.C.	D4S1-M0801C-CEA4	D4S2-M0802C-CEA4	38	-	-	
DC 3 wire 10-55V NPN N.O.	D3S1-M0801N-OEA4	D3S2-M0802N-OEA4	31	-	-	
DC 3 wire 10-55V NPN N.C.	D3S1-M0801N-CEA4	D3S2-M0802N-CEA4	32	--	--	
DC 3 wire 10-55V PNP N.O.	D3S1-M0801P-OEA4	D3S2-M0802P-OEA4	33	-	-	
DC 3 wire 10-55V PNP N.C.	D3S1-M0801P-CEA4	D3S2-M0802P-CEA4	34	-	-	
DC 3 wire 5-36V PNP N.C.	D2S1-M0801N-OEA4	D2S2-M0802N-OEA4	31	D2S1-M0801N-OES4	D2S2-M0802N-OES4	31
DC 3 wire 5-36V PNP N.O.	D2S1-M0801N-CEA4	D2S2-M0802N-CEA4	32	D2S1-M0801N-CES4	D2S2-M0802N-CES4	32
DC 3 wire 5-36V NPN N.C.	D2S1-M0801P-OEA4	D2S2-M0802P-OEA4	33	D2S1-M0801P-OES4	D2S2-M0802P-OES4	33
DC 3 wire 5-36V NPN N.O.	D2S1-M0801P-CEA4	D2S2-M0802P-CEA4	34	D2S1-M0801P-CES4	D2S2-M0802P-CES4	34
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)	D2S1-M0801P-SEA4	D2S2-M0802P-SEA4	36	-	-	
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)	D2S1-M0801N-SEA4	D2S2-M0802N-SEA4	35	-	-	
Wiring diagram number						
Dimensions (unit: mm)						
Cable 2M (PVC)	M12 connector			M12 connector		
Weight	approx.25 g			approx.17g		

Subject to modifications without notice

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