

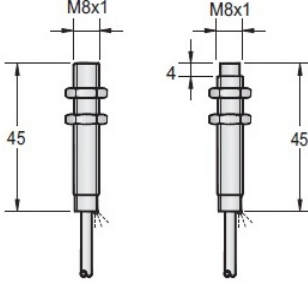
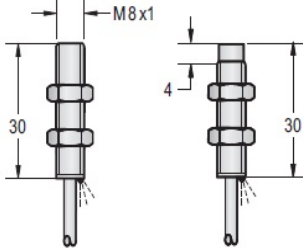


DC INDUCTIVE PROXIMITY SWITCH(M8)

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-O3A2	D1S2-M0802N-O3A2	1	D1S1-M0801N-O3S2	D1S2-M0802N-O3S2	1
DC 3 wire 10-30V NPN N.C.	D1S1-M0801N-C3A2	D1S2-M0802N-C3A2	2	D1S1-M0801N-C3S2	D1S2-M0802N-C3S2	2
DC 3 wire 10-30V PNP N.O.	D1S1-M0801P-O3A2	D1S2-M0802P-O3A2	3	D1S1-M0801P-O3S2	D1S2-M0802P-O3S2	3
DC 3 wire 10-30V PNP N.C.	D1S1-M0801P-C3A2	D1S2-M0802P-C3A2	4	D1S1-M0801P-C3S2	D1S2-M0802P-C3S2	4
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)	D1S1-M0801P-S4A2	D1S2-M0802P-S4A2	6	-	-	
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)	D1S1-M0801N-S4A2	D1S2-M0802N-S4A2	5	-	-	
DC 2 wire 10-60V N.O.	D4S1-M0801C-O2A2	D4S2-M0802C-O2A2	7	-	-	
DC 2 wire 10-60V N.C.	D4S1-M0801C-C2A2	D4S2-M0802C-C2A2	8	-	-	
DC 3 wire 10-55V NPN N.O.	D3S1-M0801N-O3A2	D3S2-M0802N-O3A2	1	-	-	
DC 3 wire 10-55V NPN N.C.	D3S1-M0801N-C3A2	D3S2-M0802N-C3A2	2	-	-	
DC 3 wire 10-55V PNP N.O.	D3S1-M0801P-O3A2	D3S2-M0802P-O3A2	3	-	-	
DC 3 wire 10-55V PNP N.C.	D3S1-M0801P-C3A2	D3S2-M0802P-C3A2	4	-	-	
DC 3 wire 5-36V PNP N.C.	D2S1-M0801N-O3A2	D2S2-M0802N-O3A2	1	D2S1-M0801N-O3S2	D2S2-M0802N-O3S2	1
DC 3 wire 5-36V PNP N.O.	D2S1-M0801N-C3A2	D2S2-M0802N-C3A2	2	D2S1-M0801N-C3S2	D2S2-M0802N-C3S2	2
DC 3 wire 5-36V NPN N.C.	D2S1-M0801P-O3A2	D2S2-M0802P-O3A2	3	D2S1-M0801P-O3S2	D2S2-M0802P-O3S2	3
DC 3 wire 5-36V NPN N.O.	D2S1-M0801P-C3A2	D2S2-M0802P-C3A2	4	D2S1-M0801P-C3S2	D2S2-M0802P-C3S2	4
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)	D2S1-M0801P-S4A2	D2S2-M0802P-S4A2	6	-	-	
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)	D2S1-M0801N-S4A2	D2S2-M0802N-S4A2	5	-	-	
Wiring diagram number			↑			↑
Dimensions (unit: mm)						
Cable 2M (PVC)	3φ3x0.15 or 3φ4x0.15		3φ3x0.15			
Weight	approx.50 g		approx.40 g			

Subject to modifications without notice

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