



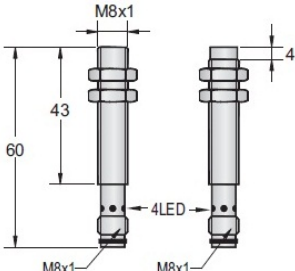
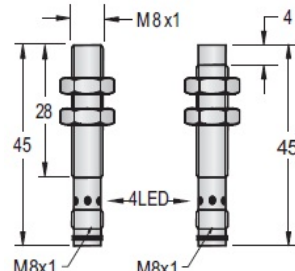


# DC INDUCTIVE PROXIMITY SWITCH(M8)

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-OPA3	∣	D1S2-M0802N-OPA3	25	D1S1-M0801N-OPS3	∣	D1S2-M0802N-OPS3	25
DC 3 wire 10-30V NPN N.C.	D1S1-M0801N-CPA3	∣	D1S2-M0802N-CPA3	25	D1S1-M0801N-CPS3	∣	D1S2-M0802N-CPS3	25
DC 3 wire 10-30V PNP N.O.	D1S1-M0801P-OPA3	∣	D1S2-M0802P-OPA3	26	D1S1-M0801P-OPS3	∣	D1S2-M0802P-OPS3	26
DC 3 wire 10-30V PNP N.C.	D1S1-M0801P-CPA3	∣	D1S2-M0802P-CPA3	26	D1S1-M0801P-CPS3	∣	D1S2-M0802P-CPS3	26
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)	D1S1-M0801P-SPA4	∣	D1S2-M0802P-SPA4	28	-			
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)	D1S1-M0801N-SPA4	∣	D1S2-M0802N-SPA4	27	-			
DC 2 wire 10-60V N.O.	D4S1-M0801C-OPA3	∣	D4S2-M0802C-OPA3	29	-			
DC 2 wire 10-60V N.C.	D4S1-M0801C-CPA3	∣	D4S2-M0802C-CPA3	30	-			
DC 3 wire 10-55V NPN N.O.	D3S1-M0801N-OPA3	∣	D3S2-M0802N-OPA3	25	-			
DC 3 wire 10-55V NPN N.C.	D3S1-M0801N-CPA3	∣	D3S2-M0802N-CPA3	25	-			
DC 3 wire 10-55V PNP N.O.	D3S1-M0801P-OPA3	∣	D3S2-M0802P-OPA3	26	-			
DC 3 wire 10-55V PNP N.C.	D3S1-M0801P-CPA3	∣	D3S2-M0802P-CPA3	26	-			
DC 3 wire 5-36V PNP N.C.	D2S1-M0801N-OPA3	∣	D2S2-M0802N-OPA3	25	D2S1-M0801N-OPS3	∣	D2S2-M0802N-OPS3	25
DC 3 wire 5-36V PNP N.O.	D2S1-M0801N-CPA3	∣	D2S2-M0802N-CPA3	25	D2S1-M0801N-CPS3	∣	D2S2-M0802N-CPS3	25
DC 3 wire 5-36V NPN N.C.	D2S1-M0801P-OPA3	∣	D2S2-M0802P-OPA3	26	D2S1-M0801P-OPS3	∣	D2S2-M0802P-OPS3	26
DC 3 wire 5-36V NPN N.O.	D2S1-M0801P-CPA3	∣	D2S2-M0802P-CPA3	26	D2S1-M0801P-CPS3	∣	D2S2-M0802P-CPS3	26
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)	D2S1-M0801P-SPA4	∣	D2S2-M0802P-SPA4	28	-			
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)	D2S1-M0801N-SPA4	∣	D2S2-M0802N-SPA4	27	-			
Wiring diagram number								
Dimensions (unit: mm)								
Cable 2M (PVC)	M8 connector			M8 connector				
Weight	approx.16 g			approx.12 g				

Subject to modifications without notice

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