

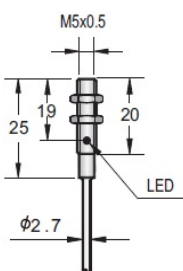
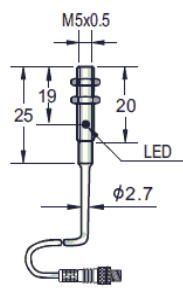


DC ULTRA- MINI INDUCTIVE PROXIMITY SWITCH (M5)

Diameter	M5			M5	
Shielded/non-Shielded	Shielded			Shielded	
Switching Distance Sn mm	0.8 mm			0.8 mm	
Housing Material	stainless steel			stainless steel	
With LED/Without LED	With LED			With LED	
Picture	 <div style="text-align: right; font-size: 2em;">CE</div>			 <div style="text-align: right; font-size: 2em;">CE</div>	
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	<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	200mA			220MA	
Material Active Face	POM			POM	
DC 3 wire 10-30V NPN N.O.	D1S1-M050.8N-O3S2	1	-	D1S1-M050.8N-OTS3	25
DC 3 wire 10-30V NPN N.C.	D1S1-M050.8N-C3S2	2	-	D1S1-M050.8N-CTS3	26
DC 3 wire 10-30V PNP N.O.	D1S1-M050.8P-O3S2	3	-	D1S1-M050.8P-OTS3	25
DC 3 wire 10-30V PNP N.C.	D1S1-M050.8P-C3S2	4	-	D1S1-M050.8P-CTS3	26
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	<div style="display: flex; justify-content: space-between;"> ↗ ↖ </div>				
Dimensions (unit: mm)					
Cable 2M (PVC)	2.7φ 3x0.15			2.7φ 3x0.15	
Weight	approx.25 g			approx.25 g	

Subject to modifications without notice

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