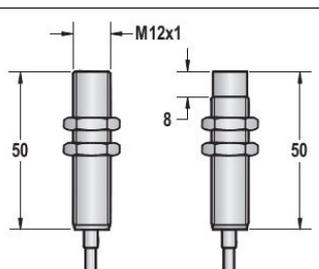
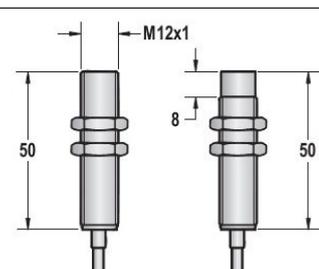


DC HIGH TEMPERATURE INDUCTIVE PROXIMITY SWITCH(M12)

Diameter	M12		M12	
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded	
Switching Distance Sn mm	2mm / 4mm		2mm / 4mm	
Housing Material	stainless steel		stainless steel	
With LED/Without LED	With LED		With LED	
Picture				
Operating Voltage	10-30VDC		10-30VDC	
Ripple	<10%		<10%	
No Load Current	<10mA		<10mA	
Max. Load Current	150mA		120mA	
Leakge Current	<0.01mA		<0.01mA	
Voltage Drop	<1.5V		<1.5V	
Switching Frequency	1KHZ / 800HZ		800HZ / 500HZ	
Response Time	0.1ms/0.1ms / 0.2ms/0.2ms		0.1ms/0.1ms / 0.2ms/0.2ms	
Switching Hysteresis	<15%(Sr)		<15%(Sr)	
Repeat Accuracy	<1.0%(Sr)		<1.0%(Sr)	
Protection Category	IP67		IP67	
Operating Temperature	-25 °C - +120 °C		-25 °C - +150 °C	
Temperature Drift	<10%(Sr)		<10%(Sr)	
Short Circuit Protection	YES		YES	
Overload Trip Point	170mA		150mA	
Material Active Face	PTFE		PTFE	
DC 3 wire 10-30V NPN N.O.	T1S1-M1202N-O3A2-120 ; T1S2-M1204N-O3A2-120	1	T1S1-M1202N-O3A2-150 ; T1S2-M1204N-O3A2-150	1
DC 3 wire 10-30V NPN N.C.	T1S1-M1202N-C3A2-120 ; T1S2-M1204N-C3A2-120	2	T1S1-M1202N-C3A2-150 ; T1S2-M1204N-C3A2-150	2
DC 3 wire 10-30V PNP N.O.	T1S1-M1202P-O3A2-120 ; T1S2-M1204P-O3A2-120	3	T1S1-M1202P-O3A2-150 ; T1S2-M1204P-O3A2-150	3
DC 3 wire 10-30V PNP N.C.	T1S1-M1202P-C3A2-120 ; T1S2-M1204P-C3A2-120	4	T1S1-M1202P-C3A2-150 ; T1S2-M1204P-C3A2-150	4
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	↗		↗	
Dimensions (unit: mm)				
Cable 2M (PTFE)	4φ3x0.15		4φ3x0.15	
Weight	approx.140g		approx.140g	

Subject to modifications without notice

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