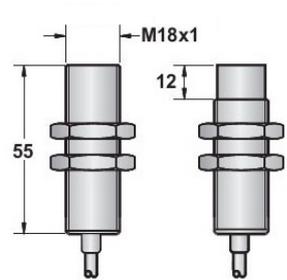
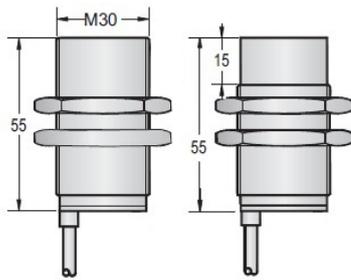


# DC HIGH TEMPERATURE INDUCTIVE PROXIMITY SWITCH(M18&M30)

Diameter	M18		M30	
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded	
Switching Distance Sn mm	5mm / 8mm		10mm / 15mm	
Housing Material	stainless steel		stainless steel	
With LED/Without LED	Without LED		Without LED	
Picture				
Operating Voltage	10-30VDC		10-30VDC	
Ripple	<10%		<10%	
No Load Current	<10mA		<10mA	
Max. Load Current	120mA		120mA	
Leakge Current	<0.01mA		<0.01mA	
Voltage Drop	<1.5V		<1.5V	
Switching Frequency	300Hz/200Hz		200HZ / 150HZ	
Response Time	0.2ms/0.2ms / 0.5ms/0.5ms		0.5ms/0.5ms / 1ms/1ms	
Switching Hysteresis	<15%(Sr)		<15%(Sr)	
Repeat Accuracy	<1.0%(Sr)		<1.0%(Sr)	
Protection Category	IP67		IP67	
Operating Temperature	-25°C- +180°C		-25°C - +180°C	
Temperature Drift	<10%(Sr)		<10%(Sr)	
Short Circuit Protection	YES		YES	
Overload Trip Point	130mA		130mA	
Material Active Face	PTFE		PTFE	
DC 3 wire 10-30V NPN N.O.	T1S1-M1805N-O3A2-180 ; T1S2-M1808N-O3A2-180	1	T1S1-M3010N-O3A2-180 ; T1S2-M3015N-O3A2-180	1
DC 3 wire 10-30V NPN N.C.	T1S1-M1805N-C3A2-180 ; T1S2-M1808N-C3A2-180	2	T1S1-M3010N-C3A2-180 ; T1S2-M3015N-C3A2-180	2
DC 3 wire 10-30V PNP N.O.	T1S1-M1805P-O3A2-180 ; T1S2-M1808P-O3A2-180	3	T1S1-M3010P-O3A2-180 ; T1S2-M3015P-O3A2-180	3
DC 3 wire 10-30V PNP N.C.	T1S1-M1805P-C3A2-180 ; T1S2-M1808P-C3A2-180	4	T1S1-M3010P-C3A2-180 ; T1S2-M3015P-C3A2-180	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)	5.8φ3x0.5		5.8φ3x0.5or 5.8φ4x0.5	
Weight	approx.300g		approx.420g	

Subject to modifications without notice

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