

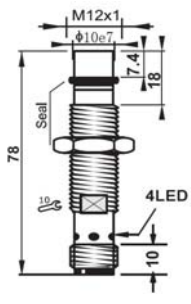
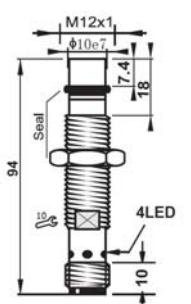


# DC HIGH PRESSURE RATED PROXIMITY SWITCH(M12)

Diameter	M12		M12	
Shielded/non-Shielded	Shielded		Shielded	
Switching Distance Sn mm	2mm		2mm	
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	<5mA		<5mA	
Max. Load Current	200mA		200mA	
Leakge Current	<0.01mA		<0.01mA	
Voltage Drop	<1.5V		<1.5V	
Switching Frequency	1KHz		1KHz	
Switching Hysteresis	<15%(Sr)		<15%(Sr)	
Repeat Accuracy	<1.0%(Sr)		<1.0%(Sr)	
Protection Category	IP67, IP69K		IP67, IP69K	
Operating Temperature	-25 °C - +70 °C		-25 °C - +70 °C	
Temperature Drift	<10%(Sr)		<10%(Sr)	
Short Circuit Protection	YES		YES	
Overload Trip Point	YES		YES	
Material Active Face	ZrO <sub>2</sub>		ZrO <sub>2</sub>	
High Pressure Rated to	500bar / 7250PSI		500bar / 7250PSI	
DC 3 wire 10-30V NPN N.O.	P1S1-M1202N-OEA4-500	31	P1S1-M1202N-OEL4-500	31
DC 3 wire 10-30V NPN N.C.	P1S1-M1202N-CEA4-500	32	P1S1-M1202N-CEL4-500	32
DC 3 wire 10-30V PNP N.O.	P1S1-M1202P-OEA4-500	33	P1S1-M1202P-OEL4-500	33
DC 3 wire 10-30V PNP N.C.	P1S1-M1202P-CEA4-500	34	P1S1-M1202P-CEL4-500	34
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.	-		-	
Wiring diagram number	↑		↑	
Dimensions (unit: mm)				
Cable 2M (PVC)	M12 Euro-tyle		M12 Euro-tyle	
Weight	approx.60g		approx.70g	

Subject to modifications without notice

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