



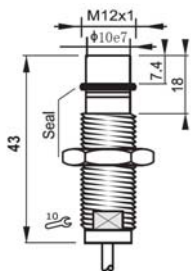
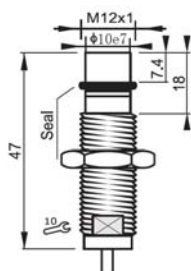


# DC HIGH PRESSURE RATED PROXIMITY SWITCH(M12)

Diameter	M12		M12	
Shielded/non-Shielded	Shielded		Shielded	
Switching Distance Sn mm	1.5mm		1.5mm	
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 Protection	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-M121.5N-O3R2-500	31	P1S1-M121.5N-O3S2-500	1
DC 3 wire 10-30V NPN N.C.	P1S1-M121.5N-C3R2-500	32	P1S1-M121.5N-C3S2-500	2
DC 3 wire 10-30V PNP N.O.	P1S1-M121.5P-O3R2-500	33	P1S1-M121.5P-O3S2-500	3
DC 3 wire 10-30V PNP N.C.	P1S1-M121.5P-C3R2-500	34	P1S1-M121.5P-C3S2-500	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.	-		-	
Wiring diagram number				
Dimensions (unit: mm)				
Cable 2M (PVC)	4φ3x0.15		4φ3x0.15	
Weight	approx.80g		approx.90g	

Subject to modifications without notice

Tel: +86-755-2646 7962

Fax: +86-755-2646 7925

MSN: dfan852@hotmail.com

Web: www.mountiger.com

E-mail: sales@mountiger.com

QQ: 873764592

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