





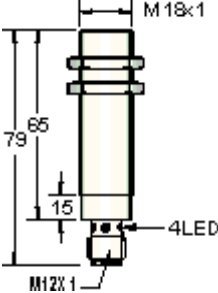
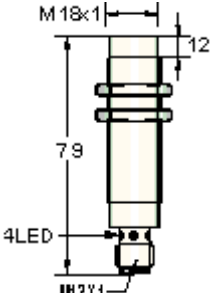


DC METAL FACE INDUCTIVE PROXIMITY SWITCH (M18) FERROUS ONLY SENSING

Diameter	M18		M18	
Shielded/non-Shielded	Shielded		Non-Shielded	
Switching Distance Sn mm	5 mm		8 mm	
Housing Material	Stainless Steel		Stainless Steel	
With LED/Without LED	With LED		With LED	
Picture	 		 	
	Operating Voltage		10-30VDC	
Ripple		<10%		
No Load Current		<10mA		
Max. Load Current		200mA		
Leakge Current		<0.01mA		
Voltage Drop		<1.5V		
Switching Frequency		1KHZ		
Response Time		0.2ms/0.2ms		
Switching Hysteresis		<15%(sr)		
Repeat Accuracy		<1.0%(sr)		
Protection Category		IP67		
Operating Temperature		-25 °C - +75 °C		
Temperature Drift		<10%(sr)		
Short Circuit Protection		YES		
Overload Trip Point		220mA		
Material Active Face		Stainless steel		
DC 3 wire 10-30V NPN N.O.	M1S1-M1805N-OEA4/F	31	M1S2-M1808N-OEA4/F	31
DC 3 wire 10-30V NPN N.C.	M1S1-M1805N-CEA4/F	32	M1S2-M1808N-CEA4/F	32
DC 3 wire 10-30V PNP N.O.	M1S1-M1805P-OEA4/F	33	M1S2-M1808P-OEA4/F	33
DC 3 wire 10-30V PNP N.C.	M1S1-M1805P-CEA4/F	34	M1S2-M1808P-CEA4/F	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.	-	-	-	-
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 (PVC)	M12 Euro-style		M12 Euro-style	
Weight	approx.94 g		approx.91 g	

Subject to modifications without notice

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