

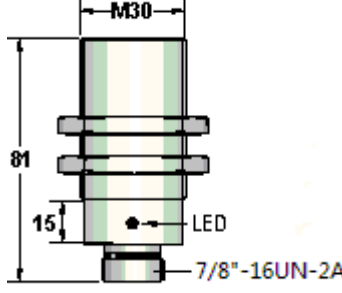


# DC METAL FACE INDUCTIVE PROXIMITY SWITCH (M30) FERROUS ONLY SENSING

<b>Diameter</b>	<b>M30</b>	
Shielded/non-Shielded	Shielded	
Switching Distance Sn mm	10 mm	
Housing Material	Stainless Steel	
With LED/Without 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	300HZ	
Response Time	0.5ms/0.5ms	
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-M3010N-OZA4/F	43
DC 3 wire 10-30V NPN N.C.	M1S1-M3010N-CZA4/F	44
DC 3 wire 10-30V PNP N.O.	M1S1-M3010P-OZA4/F	45
DC 3 wire 10-30V PNP N.C.	M1S1-M3010P-CZA4/F	46
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)	7/8"-16UN-2A Mini-style	
Weight	approx.121 g	

Subject to modifications without notice

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