

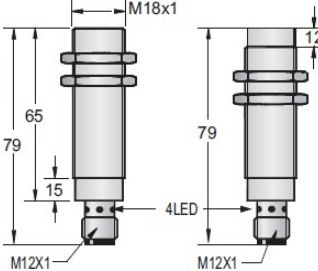


# AC INDUCTIVE PROXIMITY SWITCH(M18)

Diameter	M18			M18				
Shielded/non-Shielded	Shielded/ Non-Shielded			Shielded/ Non-Shielded				
Switching Distance Sn mm	5mm / 8mm			5mm / 8mm				
Housing Material	stainless steel or nickel plated brass			stainless steel or nickel plated brass				
With LED/Without LED	With LED			With LED				
Picture								
Operating Voltage	20-250VAC			20-250VAC				
No Load Current	<1.8mA			<1.8mA				
Max. Load Current	400mA			400mA				
Leakge Current	<1.8mA			<1.8mA				
Surge Current	5A(20ms)			5A(20ms)				
Min. Load Current	5mA			5mA				
Voltage Drop	<8VAC AT 400mA			<8VAC AT 400mA				
Switching Frequency	<25HZ			<25HZ				
Response Time	10ms / 10ms			10ms / 10ms				
Switching Hysteresis	<15%(sr)			<15%(sr)				
Repeat Accuracy	<1.0%(sr)			<1.0%(sr)				
Protection Category	IP67			IP67				
Operating Temperature	-25 °C - +70 °C			-25 °C - +70 °C				
Temperature Drift	<10%(sr)			<10%(sr)				
Short Circuit Protection	NO			NO				
Material Active Face	POM / PBT			POM / PBT				
DC 3 wire 10-30V NPN N.O.	-			-				
DC 3 wire 10-30V NPN N.C.	-			-				
DC 3 wire 10-30V PNP N.O.	-			-				
DC 3 wire 10-30V PNP N.C.	-			-				
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.	-			-				
AC 2 wire 20-250V N.O.	D7B1-M1805A-OEB4	∣	D7B2-M1808A-OEB4	51	D7B1-M1805A-OES4	∣	D7B2-M1808A-OES4	51
AC 2 wire 20-250V N.C.	D7B1-M1805A-CEB4	∣	D7B2-M1808A-CEB4	51	D7B1-M1805A-CES4	∣	D7B2-M1808A-CES4	51
AC 2 wire 20-250V N.O. or N.C. Changeable .	-			-				
AC/DC 2 wire 20-250V N.O.	-			-				
AC/DC 2 wire 20-250V N.C.	-			-				
AC/DC 2 wire 20-250V N.O. or N.C. Changeable	-			-				
Wiring diagram number	↑			↑				
Dimensions (unit: mm)								
Cable 2M (PVC)	-			-				
Weight	approx.69 g / approx.68 g			approx.50 g				

Subject to modifications without notice

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