

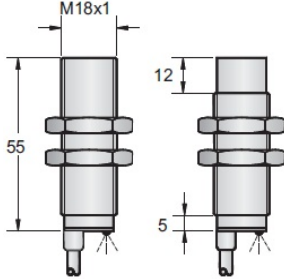
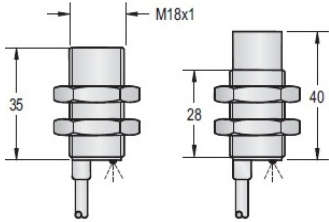


AC INDUCTIVE PROXIMITY SWITCH(M18)

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-O3B2 ; D7B2-M1808A-O3B2	11	D7B1-M1805A-O3S2 ; D7B2-M1808A-O3S2	11
AC 2 wire 20-250V N.C.	D7B1-M1805A-C3B2 ; D7B2-M1808A-C3B2	12	D7B1-M1805A-C3S2 ; D7B2-M1808A-C3S2	12
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)	5.8φ3x0.5		5.8φ3x0.5	
Weight	approx.161 g / approx.160g		approx.156 g / approx.146 g	

Subject to modifications without notice

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