

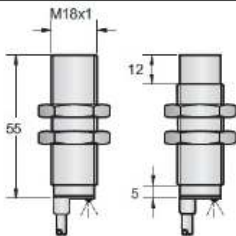
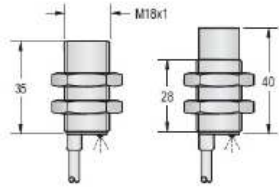


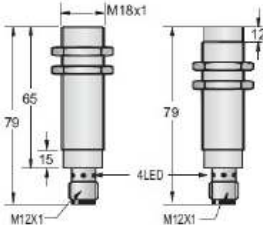
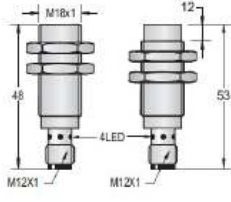


AC INDUCTIVE PROXIMITY SWITCH(M18)

Diameter	M18	M18
Shielded/non-Shielded	Shielded/ Non-Shielded	Shielded/ Non-Shielded
Switching Distance Sn mm	8mm / 16mm	8mm / 16mm
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.	11 11	-
AC 2 wire 20-250V N.C.	12 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

AC INDUCTIVE PROXIMITY SWITCH(M18)

Diameter	M18		M18	
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded	
Switching Distance Sn mm	8mm / 16mm		8mm / 16mm	
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. †	51 †	51		
AC 2 wire 20-250V N.C. †			51 †	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	