

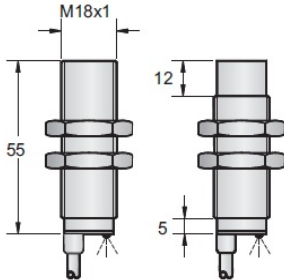
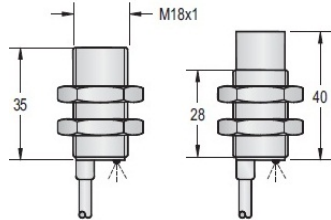


# AC/DC INDUCTIVE PROXIMITY SWITCH(M18)

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/20-250VDC		20-250VAC/20-250VDC	
No Load Current	<2.5mA		<2.5mA	
Max. Load Current	200mA		200mA	
Leakge Current	<2.5mA		<2.5mA	
Surge Current	2.2A for 20ms		2.2A for 20ms	
Min. Load Current	5mA		5mA	
Voltage Drop	<10VAC;8VDC		<10VAC;8VDC	
Switching Frequency	25HZ AC;40HZ DC		25HZ AC;40HZ DC	
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	YES		YES	
Material Active Face	PBT		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.	-		-	
AC 2 wire 20-250V N.C.	-		-	
AC 2 wire 20-250V N.O. or N.C. Changeable .	-		-	
AC/DC 2 wire 20-250V N.O.	D8B1-M1808U-O3A2 ; D8B2-M1816U-O3A2	11	D8B1-M1808U-O3S2 ; D8B2-M1816U-O3S2	11
AC/DC 2 wire 20-250V N.C.	D8B1-M1808U-C3A2 ; D8B2-M1816U-C3A2	12	D8B1-M1808U-C3S2 ; D8B2-M1816U-C3S2	12
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

Tel: +86-755-2646 7962

Fax: +86-755-2646 7925

MSN: dfan852@hotmail.com

Web: www.mountiger.com

E-mail: sales@mountiger.com

QQ: 873764592

  
 Sensing the future