





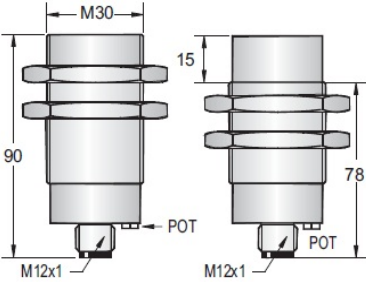
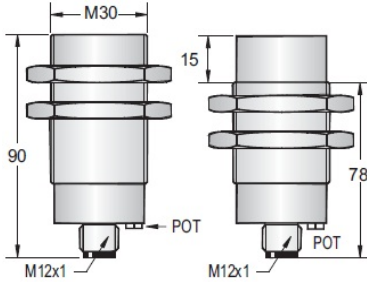


# AC/DC CAPACITIVE PROXIMITY SWITCH(M30)

Diameter	M30		M30	
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded	
Switching Distance Sn mm	2-20mm / 2-25mm adjustable		2-20mm / 2-25mm adjustable	
Housing Material	stainless steel or nickel plated brass		PBT RESIN	
With LED/Without LED	With LED		With LED	
Picture	 		 	
Operating Voltage	20-250VAC,50-60HZ,20-250VDC		20-250VAC,50-60HZ,20-250VDC	
Ripple	DC Ripple<10%		DC Ripple<10%	
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	
Switching Hysteresis	1%-15% Of Sensing range		1%-15% Of Sensing range	
Repeat Accuracy	<1%(sr)		<1%(sr)	
Protection Category	IP67		IP67	
Operating Temperature	-25 °C - +70 °C		-25 °C - +70 °C	
Temperature Drift	<+/-15% of Sensing Range		<+/-15% of Sensing Range	
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.	C8B1-M3020U-OEB4 ; C8B2-M3025U-OEB4	53	C8P1-M3020U-OEB4 ; C8P2-M3025U-OEB4	54
AC/DC 2 wire 20-250V N.C.	C8B1-M3020U-CEB4 ; C8B2-M3025U-CEB4	53	C8P1-M3020U-CEB4 ; C8P2-M3025U-CEB4	54
AC/DC 2 wire 20-250V N.O. or N.C. Changeable	-		-	
Wiring diagram number				
Dimensions (unit: mm)				
Cable 2M (PVC)	-		-	
Weight	approx. 147g / approx. 137g		approx. 120g	

Subject to modifications without notice

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Sensing the future