

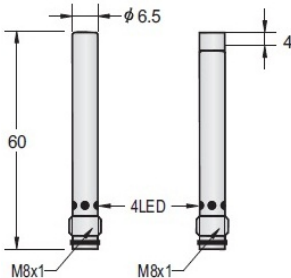
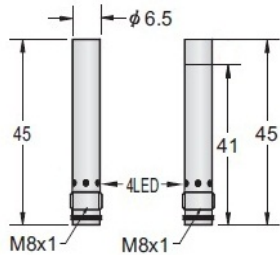


DC INDUCTIVE PROXIMITY SWITCH(φ6.5)

Diameter	φ6.5		φ6.5		
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded		
Switching Distance Sn mm	3mm / 6mm		3mm / 6mm		
Housing Material	stainless steel		stainless steel		
With LED/Without LED	With LED		With LED		
Picture					
Operating Voltage	10-30VDC		10-30VDC		
Ripple	<10%		<10%		
No Load Current	<10mA		<10mA		
Max. Load Current	200mA		200mA		
Leakge Current	<0.01mA		<0.01mA		
Voltage Drop	<2.0V		<2.0V		
Switching Frequency	1KHZ/500HZ		1KHZ/500HZ		
Response Time	0.2ms/0.2ms / 0.5ms/0.5ms		0.2ms/0.2ms / 0.5ms/0.5ms		
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		
Overload Trip Point	220MA		220MA		
Material Active Face	POM		POM		
DC 3 wire 10-30V NPN N.O.	D1S1-φ6.503N-OPA3	∣ D1S2-φ6.506N-OPA3	25	D1S1-φ6.503N-OPS3 ∣ D1S2-φ6.506N-OPS3	25
DC 3 wire 10-30V NPN N.C.	D1S1-φ6.503N-CPA3	∣ D1S2-φ6.506N-CPA3	25	D1S1-φ6.503N-CPS3 ∣ D1S2-φ6.506N-CPS3	25
DC 3 wire 10-30V PNP N.O.	D1S1-φ6.503P-OPA3	∣ D1S2-φ6.506P-OPA3	26	D1S1-φ6.503P-OPS3 ∣ D1S2-φ6.506P-OPS3	26
DC 3 wire 10-30V PNP N.C.	D1S1-φ6.503P-CPA3	∣ D1S2-φ6.506P-CPA3	26	D1S1-φ6.503P-CPS3 ∣ D1S2-φ6.506P-CPS3	26
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.	-			-	
DC 3 wire 5-36V PNP N.C.	-			-	
DC 3 wire 5-36V PNP N.O.	-			-	
DC 3 wire 5-36V NPN N.C.	-			-	
DC 3 wire 5-36V NPN N.O.	-			-	
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)	-			-	
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)	-			-	
Wiring diagram number	↑			↑	
Dimensions (unit: mm)					
Cable 2M (PVC)	-			-	
Weight	approx. 17 g /approx. 16 g			approx. 14 g	

Subject to modifications without notice

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