



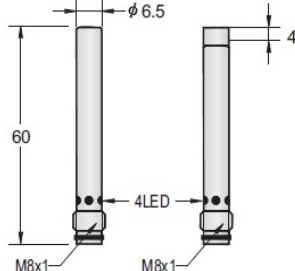
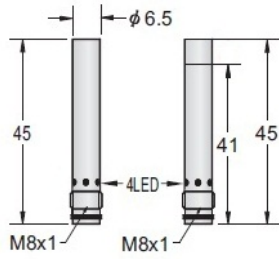


DC INDUCTIVE PROXIMITY SWITCH(φ6.5)

Diameter	φ6.5			φ6.5		
Shielded/non-Shielded	Shielded/ Non-Shielded			Shielded/ Non-Shielded		
Switching Distance Sn mm	1mm / 2mm			1mm / 2mm		
Housing Material	stainless steel			stainless steel		
With LED/Without LED	With LED			With LED		
Picture	 <div style="text-align: center;">CE</div>			 <div style="text-align: center;">CE</div>		
Operating Voltage	10-30VDC / 5-36VDC / 10-55V/ 10-60VDC			10-30VDC / 5-36VDC		
Ripple	<10%			<10%		
No Load Current	<10mA			<10mA		
Max. Load Current	200mA			200mA		
Leakge Current	<0.01mA			<0.01mA		
Voltage Drop	<1.5V			<1.5V		
Switching Frequency	2KHZ			2KHZ		
Response Time	0.1ms/0.1ms			0.1ms/0.1ms		
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-φ6.501N-OPA3	D1S2-φ6.502N-OPA3	25	D1S1-φ6.501N-OPS3	D1S2-φ6.502N-OPS3	25
DC 3 wire 10-30V NPN N.C.	D1S1-φ6.501N-CPA3	D1S2-φ6.502N-CPA3	25	D1S1-φ6.501N-CPS3	D1S2-φ6.502N-CPS3	25
DC 3 wire 10-30V PNP N.O.	D1S1-φ6.501P-OPA3	D1S2-φ6.502P-OPA3	26	D1S1-φ6.501P-OPS3	D1S2-φ6.502P-OPS3	26
DC 3 wire 10-30V PNP N.C.	D1S1-φ6.501P-CPA3	D1S2-φ6.502P-CPA3	26	D1S1-φ6.501P-CPS3	D1S2-φ6.502P-CPS3	26
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)	D1S1-φ6.501P-SPA4	D1S2-φ6.502P-SPA4	28	-	-	
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)	D1S1-φ6.501N-SPA4	D1S2-φ6.502N-SPA4	27	-	-	
DC 2 wire 10-60V N.O.	D4S1-φ6.501C-OPA3	D4S2-φ6.502C-OPA3	29	-	-	
DC 2 wire 10-60V N.C.	D4S1-φ6.501C-CPA3	D4S2-φ6.502C-CPA3	30	-	-	
DC 3 wire 10-55v NPN N.O.	D3S1-φ6.501N-OPA3	D3S2-φ6.502N-OPA3	25	-	-	
DC 3 wire 10-55v NPN N.C.	D3S1-φ6.501N-CPA3	D3S2-φ6.502N-CPA3	25	-	-	
DC 3 wire 10-55v PNP N.O.	D3S1-φ6.501P-OPA3	D3S2-φ6.502P-OPA3	26	-	-	
DC 3 wire 10-55v PNP N.C.	D3S1-φ6.501P-CPA3	D3S2-φ6.502P-CPA3	26	-	-	
DC 3 wire 5-36V PNP N.C.	D2S1-φ6.501N-OPA3	D2S2-φ6.502N-OPA3	25	D2S1-φ6.501N-OPS3	D2S2-φ6.502N-OPS3	25
DC 3 wire 5-36V PNP N.O.	D2S1-φ6.501N-CPA3	D2S2-φ6.502N-CPA3	25	D2S1-φ6.501N-CPS3	D2S2-φ6.502N-CPS3	25
DC 3 wire 5-36V NPN N.C.	D2S1-φ6.501P-OPA3	D2S2-φ6.502P-OPA3	26	D2S1-φ6.501P-OPS3	D2S2-φ6.502P-OPS3	26
DC 3 wire 5-36V NPN N.O.	D2S1-φ6.501P-CPA3	D2S2-φ6.502P-CPA3	26	D2S1-φ6.501P-CPS3	D2S2-φ6.502P-CPS3	26
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)	D2S1-φ6.501P-SPA4	D2S2-φ6.502P-SPA4	28	-	-	
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)	D2S1-φ6.501N-SPA4	D2S2-φ6.502N-SPA4	27	-	-	
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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