

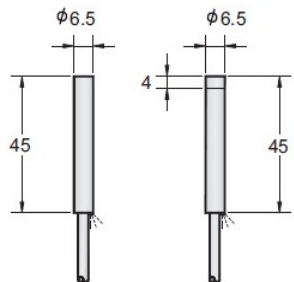
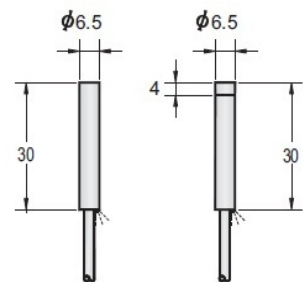


# DC INDUCTIVE PROXIMITY SWITCH(φ6.5)

Diameter	φ6.5			φ6.5				
Shielded/non-Shielded	Shielded/ Non-Shielded			Shielded/ Non-Shielded				
Switching Distance Sn mm	2mm / 4mm			2mm / 4mm				
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	2KHZ/1KHZ			2KHZ/1KHZ				
Response Time	0.1ms/0.1ms / 0.2ms/0.2ms			0.1ms/0.1ms / 0.2ms/0.2ms				
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-φ6.502N-O3A2	∣	D1S2-φ6.504N-O3A2	1	D1S1-φ6.502N-O3S2	∣	D1S2-φ6.504N-O3S2	1
DC 3 wire 10-30V NPN N.C.	D1S1-φ6.502N-C3A2	∣	D1S2-φ6.504N-C3A2	2	D1S1-φ6.502N-C3S2	∣	D1S2-φ6.504N-C3S2	2
DC 3 wire 10-30V PNP N.O.	D1S1-φ6.502P-O3A2	∣	D1S2-φ6.504P-O3A2	3	D1S1-φ6.502P-O3S2	∣	D1S2-φ6.504P-O3S2	3
DC 3 wire 10-30V PNP N.C.	D1S1-φ6.502P-C3A2	∣	D1S2-φ6.504P-C3A2	4	D1S1-φ6.502P-C3S2	∣	D1S2-φ6.504P-C3S2	4
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)	3φ3x0.15 or 3φ4x0.15				3φ3x0.15			
Weight	approx.36 g				approx.40 g			

Subject to modifications without notice

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