

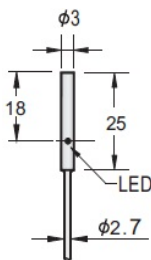
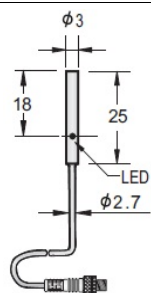


DC ULTRA- MINI INDUCTIVE PROXIMITY SWITCH (φ3)

Diameter	φ3		φ3	
Shielded/non-Shielded	Shielded		Shielded	
Switching Distance Sn: mm	1 mm		1 mm	
Housing Material	stainless steel		stainless steel	
With LED/Without LED	With LED		With LED	
Picture	 CE		 CE	
Operating Voltage	10-30VDC		10-30VDC	
Ripple	<10%		<10%	
No Load Current	<10mA		<10mA	
Max. Load Current	100mA		100mA	
Leakge Current	<0.01mA		<0.01mA	
Voltage Drop	<1.5V		<1.5V	
Switching Frequency	1KHZ		1KHZ	
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	120mA		120mA	
Material Active Face	POM		POM	
DC 3 wire 10-30V NPN N.O.	D1S1-φ0301N-O3A2	1	D1S1-φ0301N-OTA3	25
DC 3 wire 10-30V NPN N.C.	D1S1-φ0301N-C3A2	2	D1S1-φ0301N-CTA3	26
DC 3 wire 10-30V PNP N.O.	D1S1-φ0301P-O3A2	3	D1S1-φ0301P-OTA3	25
DC 3 wire 10-30V PNP N.C.	D1S1-φ0301P-C3A2	4	D1S1-φ0301P-CTA3	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)	2.3φ 3x0.15		2.3φ 3x0.15	
Weight	approx.25 g		approx.25 g	

Subject to modifications without notice

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