

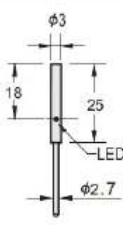
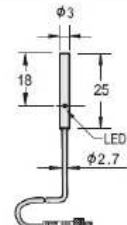


DC ULTRA- MINI INDUCTIVE PROXIMITY SWITCH (φ3)

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
Leakage 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.		
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.	-	-
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