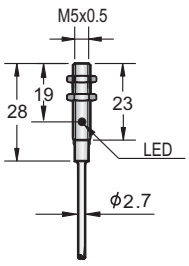
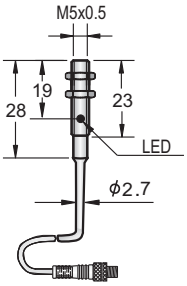
DC ULTRA-MINI INDUCTIVE PROXIMITY SENSORS

Diameter	M5		M5	
● Shielded ○ Non-shielded	●		●	
Switching Distance Sn: mm	0.8 mm		0.8 mm	
Housing Material	Stainless steel		Stainless steel	
● With LED ○ Without LED	●		●	
Picture				
Operating Voltage	10-30VDC		10-30VDC	
Ripple	<10%		<10%	
No Load Current	<10mA		<10mA	
Max. Load Current	200mA		200mA	
Leakage 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.	**P1C1S050.8NO3A2**	**1**	**P1C1S050.8NOTA3**	**25**
DC 3 wire 10-30V NPN N.C.	**P1C1S050.8NC3A2**	**2**	**P1C1S050.8NCTA3**	**25**
DC 3 wire 10-30V PNP N.O.	**P1C1S050.8PO3A2**	**3**	**P1C1S050.8POTA3**	**26**
DC 3 wire 10-30V PNP N.C.	**P1C1S050.8PC3A2**	**4**	**P1C1S050.8PCTA3**	**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 NPN N.O.				
DC 3 wire 5-36V NPN N.C.				
DC 3 wire 5-36V PNP N.O.				
DC 3 wire 5-36V PNP N.C.				
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)				
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)				
Dimensions (unit: mm)				
Cable 2M (PUR)	2.7ϕ 3x0.15		2.7ϕ 3x0.15	
Weight	approx.25 g		approx.25 g	