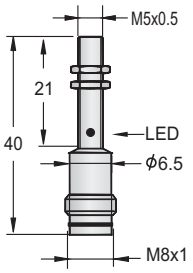
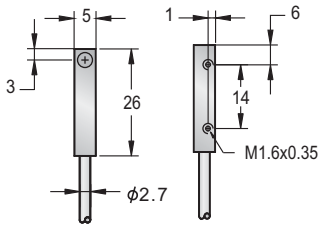
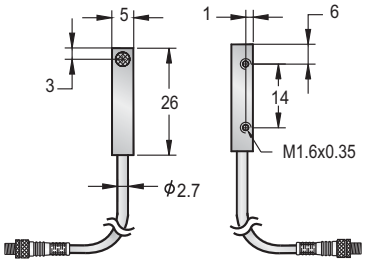
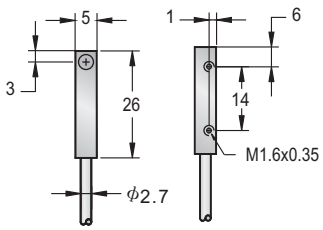
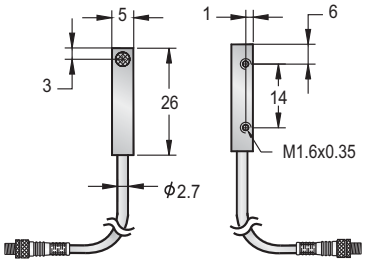
DC ULTRA-MINI INDUCTIVE PROXIMITY SENSORS

M5	Q5x5x26	Q5x5x26
●	●	●
1.5 mm	0.8 mm	0.8 mm
Stainless steel	Nickel plated brass	Nickel plated brass
●	●	●
10-30VDC	10-30VDC	10-30VDC
<10%	<10%	<10%
<10mA	<10mA	<10mA
200mA	200mA	200mA
<0.01mA	<0.01mA	<0.01mA
<1.5V	<1.5V	<1.5V
2KHZ	2KHZ	2KHZ
0.1ms/0.1ms	0.1ms/0.1ms	0.1ms/0.1ms
<15%(Sr)	<15%(Sr)	<15%(Sr)
<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)
IP67	IP67	IP67
-25°C - +70°C	-25°C - +70°C	-25°C - +70°C
<10%(Sr)	<10%(Sr)	<10%(Sr)
YES	YES	YES
220mA	220mA	220mA
POM	POM	POM

P1C1S051.5NOPA3	**25**	**P1S1B550.8NO3A2**	**1**	**P1S1B550.8NOTA3**	**25**
P1C1S051.5NCPA3	**25**	**P1S1B550.8NC3A2**	**2**	**P1S1B550.8NCTA3**	**25**
P1C1S051.5POPA3	**26**	**P1S1B550.8PO3A2**	**3**	**P1S1B550.8POTA3**	**26**
P1C1S051.5PCPA3	**26**	**P1S1B550.8PC3A2**	**4**	**P1S1B550.8PCTA3**	**26**

		
	2.7ϕ 3x0.15	2.7ϕ 3x0.15
Approx.14 g	Approx.30 g	Approx.30 g

DC ULTRA-MINI INDUCTIVE PROXIMITY SENSORS

Diameter	Q5x5x26	Q5x5x26
● Shielded ○ Non-shielded	●	●
Switching Distance Sn: mm	1.5 mm	1.5 mm
Housing Material	Nickel plated brass	Nickel plated brass
● 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.	**P1S1B551.5NO3A2** 1	**P1S1B551.5NOTA3** 25
DC 3 wire 10-30V NPN N.C.	**P1S1B551.5NC3A2** 2	**P1S1B551.5NCTA3** 25
DC 3 wire 10-30V PNP N.O.	**P1S1B551.5PO3A2** 3	**P1S1B551.5POTA3** 26
DC 3 wire 10-30V PNP N.C.	**P1S1B551.5PC3A2** 4	**P1S1B551.5PCTA3** 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 (PVC)	2.7ϕ 3x0.15	2.7ϕ 3x0.15
Weight	Approx.30 g	Approx.30 g