

DC ULTRA-MINI INDUCTIVE PROXIMITY SENSORS

Diameter

● Shielded ○ Non-Shielded

Switching Distance Sn: mm

Housing Material

● With LED ○ Without LED

Picture

Operating Voltage

Ripple

No Load Current

Max. Load Current

Leakage Current

Voltage Drop

Switching Frequency

Response Time

Switching Hysteresis

Repeat Accuracy

Protection Category

Operating Temperature

Temperature Drift

Short Circuit Protection

Overload Trip Point

Material Active Face

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 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)

Weight

M5

●

1.5 mm

Stainless steel

●



CE

10-30VDC

<10%

<10mA

100mA

<0.01mA

<1.5V

2KHZ

0.1ms/0.1ms

<15%(Sr)

<1.0%(Sr)

IP67

-25°C - +70°C

<10%(Sr)

NO

-

POM

P1C1S051.5N03B2

1

P1C1S051.5NC3B2

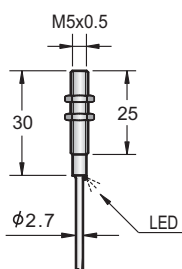
2

P1C1S051.5P03B2

3

P1C1S051.5PC3B2

4



2.7φ 3x0.15

approx.25 g

M5

●

0.8 mm

Stainless steel

●



CE

10-30VDC

<10%

<10mA

200mA

<0.01mA

<1.5V

2KHZ

0.1ms/0.1ms

<15%(Sr)

<1.0%(Sr)

IP67

-25°C - +70°C

<10%(Sr)

YES

220mA

POM

P1C1S050.8N0PA3

25

P1C1S050.8NCPA3

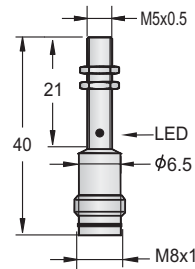
25

P1C1S050.8POPA3

26

P1C1S050.8PCPA3

26



Approx. 14 g