

DC METAL FACE INDUCTIVE PROXIMITY SENSOR NON-FERROUS ONLY SENSING

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

M12

2 mm

4 mm

Stainless steel



CE

10-30VDC

<10%

<10mA

200mA

<0.01mA

<1.5V

2KHZ

0.1ms/0.1ms

1KHZ

0.2ms/0.2ms

<15%(Sr)

<1.0%(Sr)

IP67

-25°C ~ +70°C

<10%(Sr)

YES

220mA

Stainless steel

P1C1F1202NO3A2/N

1

P1C2F1204NO3A2/N

P1C1F1202NC3A2/N

2

P1C2F1204NC3A2/N

P1C1F1202PO3A2/N

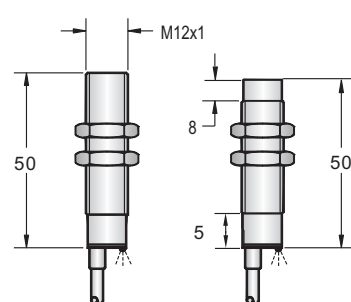
3

P1C2F1204PO3A2/N

P1C1F1202PC3A2/N

4

P1C2F1204PC3A2/N



4 φ3x0.34

approx.77g

approx.76g

M12

2 mm

4 mm

Stainless steel



CE

10-30VDC

<10%

<10mA

200mA

<0.01mA

<1.5V

2KHZ

0.1ms/0.1ms

1KHZ

0.2ms/0.2ms

<15%(Sr)

<1.0%(Sr)

IP67

-25°C ~ +70°C

<10%(Sr)

YES

220mA

Stainless steel

P1C1F1202NOEA4/N

31

P1C2F1204NOEA4/N

P1C1F1202NCEA4/N

32

P1C2F1204NCEA4/N

P1C1F1202POEA4/N

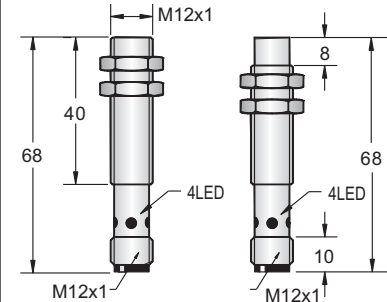
33

P1C2F1204POEA4/N

P1C1F1202PCEA4/N

34

P1C2F1204PCEA4/N



approx.30g

approx.29g