

AC/DC INDUCTIVE PROXIMITY SENSORS

Diameter

● Shielded ○ non-Shielded

Switching Distance Sn: mm

Housing Material

● With LED ○ Without LED

Picture

Operating Voltage

No Load Current

Max. Load Current

Leakage Current

Surge Current

Min. Load Current

Voltage Drop

Switching Frequency

Response Time

Switching Hysteresis

Repeat Accuracy

Protection Category

Operating Temperature

Temperature Drift

Short Circuit Protection

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.

AC 2 wire 20-250V N.O.

AC 2 wire 20-250V N.C.

AC 2 wire 20-250V N.O. or N.C. Changeable

AC/DC 2 wire 20-250V N.O.

AC/DC 2 wire 20-250V N.C.

AC/DC 2 wire 20-250V N.O. or N.C. Changeable

Dimensions (unit: mm)

Cable 2M (PVC)

Weight

M12

●

○

2 mm

4 mm

Stainless steel or Nickel plated brass

●



CE

20-250VAC / 20-250VDC

<2.5mA

100mA

<2.5mA

2.2A for 20ms

5mA

<10VAC; 8VDC

25HZ AC; 40HZ DC

10ms/10ms

<15%(Sr)

<1.0%(Sr)

IP67

-25 °C - +70 °C

<10%(Sr)

NO

POM

PBT

P8C1B1202UO3B2

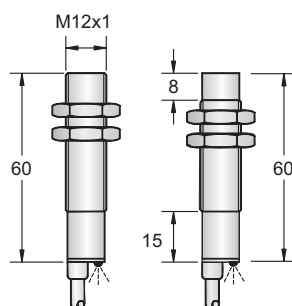
15

P8C2B1204UO3B2

P8C1B1202UC3B2

16

P8C2B1204UC3B2



4.0 ϕ 3x0.34

Approx.77 g

Approx.76 g

M12

●

○

2 mm

4 mm

Stainless steel or Nickel plated brass

●



CE

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100mA

<2.5mA

2.2A for 20ms

5mA

<10VAC; 8VDC

25HZ AC; 40HZ DC

10ms/10ms

<15%(Sr)

<1.0%(Sr)

IP67

-25 °C - +70 °C

<10%(Sr)

NO

POM

PBT

P8C1B1202UOMB3

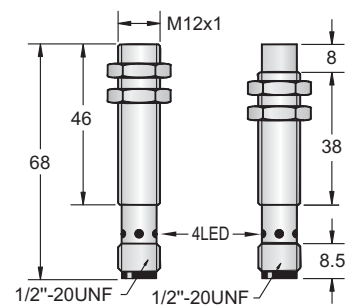
53

P8C2B1204UOMB3

P8C1B1202UCMB3

53

P8C2B1204UCMB3



Approx.34 g