

MIN Q SERIES MICRO-PROXIMITY SENSORS

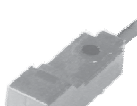
Q8

_____ O _____

1.5mm

Polycarbonate

☐ _____

10-30VDC

	<10%
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<10mA

200mA

<0.01mA

	<1.5V
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500HZ

0.5ms/0.5ms

	<15%(Sr)
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	<0.04mm
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IP67

-25 °C - +70 °C

	<10%(Sr)
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YES

220mA

Polycarbonate

D1S2B881 5N03A2/T	1
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P1S2P881.5N03A2/T	1
P1S2P881.5N03A2/T	2

P1S2P881.5NC3A2/T	2
P1S2P881.5BQ3A2/T	2

P1S2P881.5PO3A2/I	3
P1S2P881.5PO3A2/T	4

PISZP881.5PC3A2/I	4

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Technical drawing of a mechanical part. The part is a rectangular block with a width of 8 and a height of 8. The total length is 23. A circular feature with a crosshair is located on the top surface, with a diameter of $\phi 3$. A cylindrical feature is attached to the right side. A label 'LED' points to the top surface. A dimension of 4.5 is indicated for the distance from the right edge to the center of the circular feature.

2.7 ϕ 3x0.15 PUR

approx. 12 g

MIN Q SERIES MICRO-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 10-30V N.O.

DC 2 wire 10-30V 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)

Q8

○

1.5mm

Polycarbonate

●



CE

10-30V DC

<10%

<0.8mA

100mA

<0.8mA

<6V

1KHZ

0.2ms/0.2ms

<15%(Sr)

<0.04mm

IP67

-25 °C - +70 °C

<10%(Sr)

YES

120mA

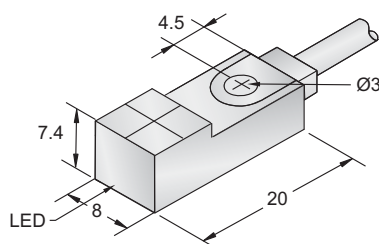
Polycarbonate

P1S2P881.5CO2A2/F

7

P1S2P881.5CC2A2/F

8



3Ø2x0.15

approx.12 g

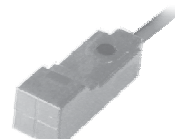
Q8

○

1.5mm

Polycarbonate

●



CE

10-30V DC

<10%

<0.8mA

100mA

<0.8mA

<6V

1KHZ

0.2ms/0.2ms

<15%(Sr)

<0.04mm

IP67

-25 °C - +70 °C

<10%(Sr)

YES

120mA

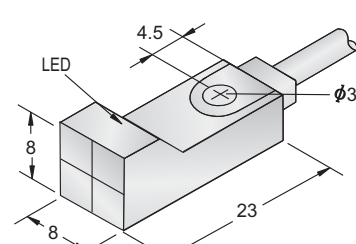
Polycarbonate

P1S2P881.5CO2A2/T

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P1S2P881.5CC2A2/T

8



3Ø2x0.15

approx.12 g