

DC INDUCTIVE PROXIMITY SENSOR SQUARE TYPE

Q16x28x10	
	
3 mm	6 mm
PBT RESIN	
	



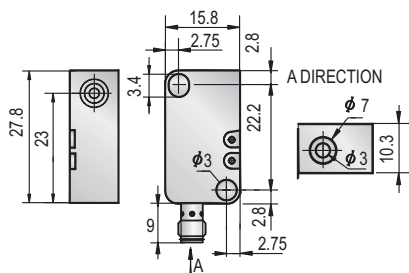
Q 16
○
4 mm
ABS RESIN
●



Q 18
○
4 mm
ABS RESIN
●

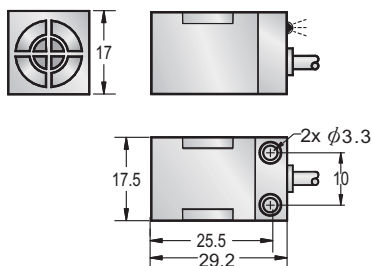


10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
1KHZ	500HZ
0.2ms/0.2ms	0.5ms/0.5ms
<15% <i>(Sr)</i>	
<1.0% <i>(Sr)</i>	
IP67	
-25 °C - +70 °C	
<10% <i>(Sr)</i>	
YES	
220mA	
-	

[illegible]

Approx. 25 g

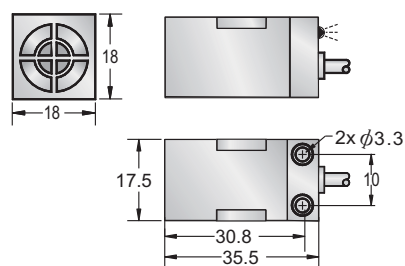
10-30VDC
<10%
<10mA
200mA
<0.01mA
<1.5V
500HZ
0.5ms/0.5ms
<15%(Sr)
<1.0%(Sr)
IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
POM

[illegible]

4φ 3x0.15
Approx. 55 g

10-30VDC /10-55VDC /10-60VDC
<10%
<10mA
200mA
<0.01mA
<1.5V
500HZ
0.5ms/0.5ms
<15%(Sr)
<1.0%(Sr)
IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
ABS

P1S2P1804N03A2	1
P1S2P1804NC3A2	2
P1S2P1804P03A2	3
P1S2P1804PC3A2	4
P4S2P1804C02A2	7
P4S2P1804CC2A2	8
P3S2P1804N03A2	1
P3S2P1804NC3A2	2
P3S2P1804P03A2	3
P3S2P1804PC3A2	4



4φ 3x0.15; 2x0.15
Approx.58 g

DC INDUCTIVE PROXIMITY SENSOR SQUARE TYPE

Diameter

● Shielded ○ Non-shielded

Switching Distance Sn: mm

Housing Material

● With LED ○ Without LED

Picture



CE

Q 18C

○

4 mm

POM RESIN

●

Q 18C

○

4 mm

POM RESIN

●



CE

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

10-30VDC / 5-36VDC/10-55VDC

<10%

<10mA

200mA

<0.01mA

<1.5V

500HZ

0.5ms/0.5ms

<15%(Sr)

<1.0%(Sr)

IP67

-25 °C - +70 °C

<10%(Sr)

YES

220mA

POM

10-30VDC / 5-36VDC/10-55VDC

<10%

<10mA

200mA

<0.01mA

<1.5V

500HZ

0.5ms/0.5ms

<15%(Sr)

<1.0%(Sr)

IP67

-25 °C - +70 °C

<10%(Sr)

YES

220mA

POM

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.)

P1S2P18C04N03A2

1

P1S2P18C04NC3A2

2

P1S2P18C04PO3A2

3

P1S2P18C04PC3A2

4

P3S2P18C04N03A2

1

P3S2P18C04NC3A2

2

P3S2P18C04PO3A2

3

P3S2P18C04PC3A2

4

P2S2P18C04N03A2

1

P2S2P18C04NC3A2

2

P2S2P18C04PO3A2

3

P2S2P18C04PC3A2

4

P1S2P18C04N0PA3

25

P1S2P18C04NCPA3

25

P1S2P18C04POPA3

26

P1S2P18C04PCPA3

26

P3S2P18C04N0PA3

25

P3S2P18C04NCPA3

25

P3S2P18C04POPA3

26

P3S2P18C04PCPA3

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P2S2P18C04N0PA3

25

P2S2P18C04NCPA3

25

P2S2P18C04POPA3

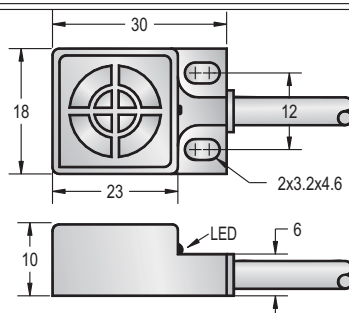
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P2S2P18C04PCPA3

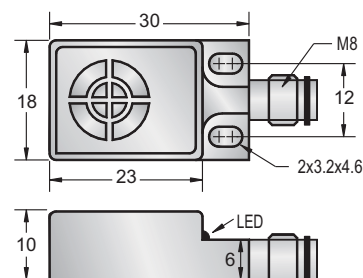
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Dimensions (unit: mm)

* : DC 2wire 10-60V specifications see page 3-05. Other is same.



CE



Cable 2M (PVC)

Weight

4 φ 3x0.15

Approx.46 g

Approx.21 g