

DC MINI-SHORTER INDUCTIVE PROXIMITY SENSORS

Diameter
☒ Shielded ☐ Non-shielded
Switching Distance Sn: mm
Housing Material
☒ With LED ☐ Without LED

Picture

Q8
●
1mm
Nickel plated brass
●



CE

Q8
●
1mm
Nickel plated brass
●



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

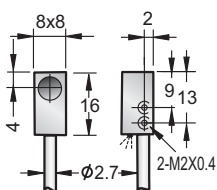
10-30VDC
<10%
<10mA
200mA
<0.01mA
<1.5V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<1.0%(Sr)
IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
POM

10-30VDC
<10%
<10mA
200mA
<0.01mA
<1.5V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<1.0%(Sr)
IP67
-25℃ - +70℃
<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.)

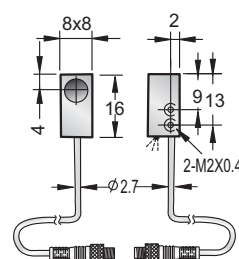
[illegible][illegible]

Dimensions (unit: mm)



Cable 2M (PVC)
Weight

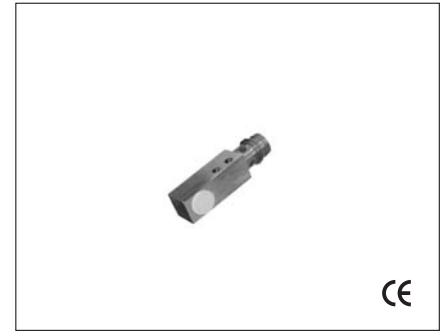
2.7 ϕ 3x0.15
Approx.16 g



Cable 0.3m PUR with m8x1 connect
Approx.15 g

DC MINI-SHORTER INDUCTIVE PROXIMITY SENSORS

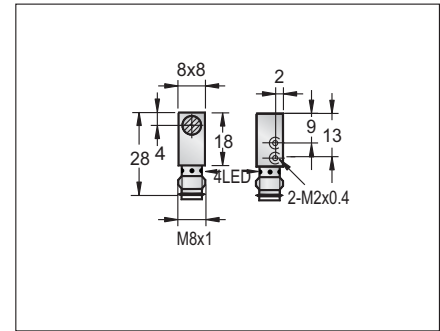
Q8
●
1mm
Nickel plated brass
●



10-30VDC
≤10%

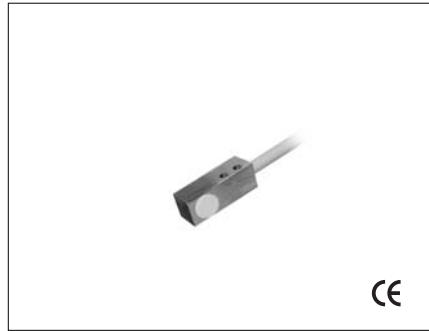
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IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
POM

P1S1B8801NOPR3	25
P1S1B8801NCPR3	25
P1S1B8801POPR3	26
P1S1B8801PCPR3	26

[illegible]

Cable 0.3m PUR with m8x1 connect
Approx.6.0 g

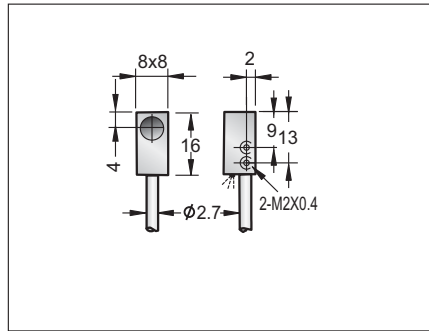
Q8
●
2mm
Nickel plated brass
●



10-30VDC
±10%

10-30VDC
<10%
<10mA
200mA
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<2.0V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<1.0%(Sr)
IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
POM

P1S1B8802N03R2	1
P1S1B8802NC3R2	2
P1S1B8802PO3R2	3
P1S1B8802PC3R2	4

[illegible]

2.7 ϕ 3x0.15
Approx.16 g

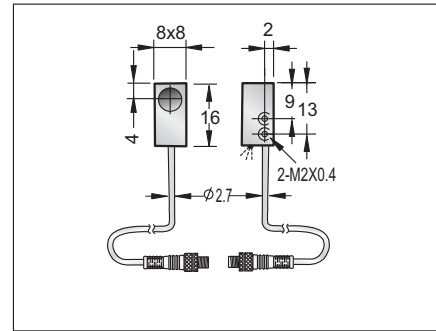
Q8
●
2mm
Nickel plated brass
●



10-30VDC
±10%

10-30VDC
<10%
<10mA
200mA
<0.01mA
<2.0V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<1.0%(Sr)
IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
POM

P1S1B8802NOTR3	25
P1S1B8802NCTR3	25
P1S1B8802POTR3	26
P1S1B8802PCTR3	26

[illegible]

Cable 0.3m PUR with m8x1 connect
Approx.15 g

DC MINI-SHORTER INDUCTIVE PROXIMITY SENSORS

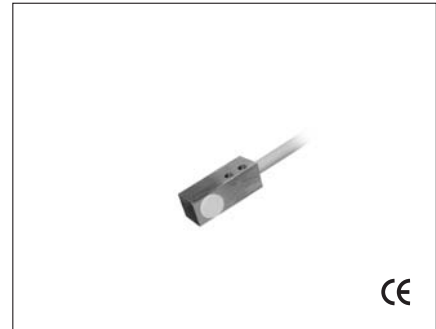
Diameter
☒ Shielded ☐ Non-shielded
Switching Distance Sn: mm
Housing Material
☒ With LED ☐ Without LED

Picture

Q8
●
2mm
Nickel plated brass
●



Q8
●
3mm
Nickel plated brass
●



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

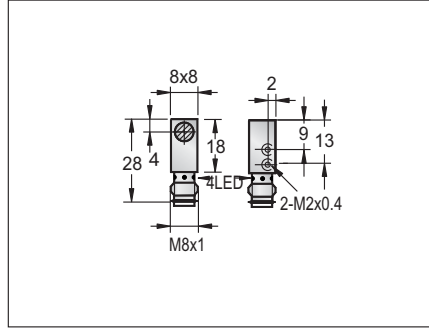
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IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
POM

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

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DC 3 wire 5-36V NPN N.C.
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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.)

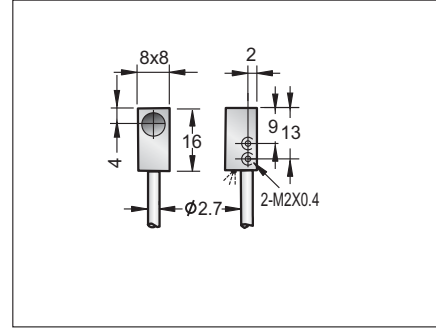
[illegible][illegible]

Dimensions (unit: mm)



Cable 2M (PVC)
Weight

Cable 0.3m PUR with m8x1 connect
Approx.6.0 g



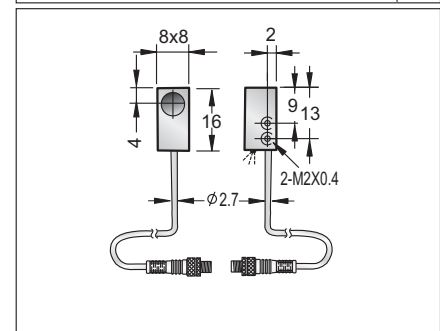
2.7 ϕ 3x0.15
Approx.25 g

DC MINI-SHORTER INDUCTIVE PROXIMITY SENSORS

Q8
●
3mm
Nickel plated brass
●



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<10%
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<0.01mA
<2.0V
1KHZ
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IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
POM

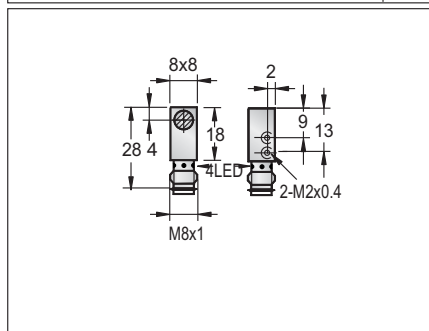
[illegible]

Cable 0.3m PUR with m8x1 connect
Approx15 g

Q8
●
3mm
Nickel plated brass
●



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

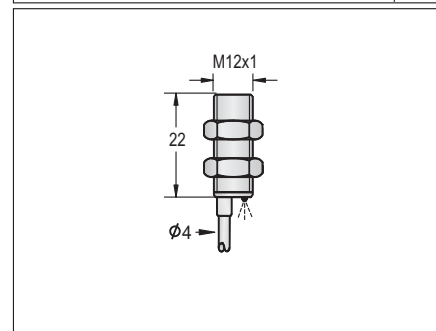
[illegible]

-
Approx.6.0 g

M12
●
2mm
Nickel plated brass
●



10-30VDC
<10%
<10mA
200mA
<0.01mA
<2.0V
2KHZ
0.1ms/0.1ms
<15%(Sr)
<1.0%(Sr)
IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
POM

[illegible]

4ø 3x0.15
Approx.40 g