

DC MINI-SHORTER INDUCTIVE PROXIMITY SENSORS

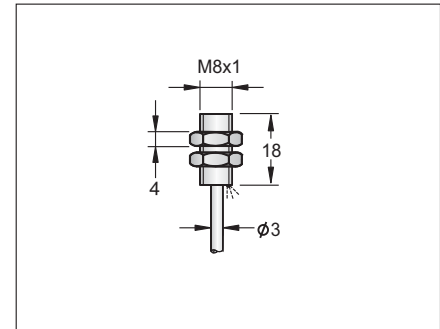
M8
●
1mm
Stainless steel
●



CE

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

P1C1S0801NO3R2	1
P1C1S0801NC3R2	2
P1C1S0801PO3R2	3
P1C1S0801PC3R2	4



3φ 3x0.15
Approx.35 g

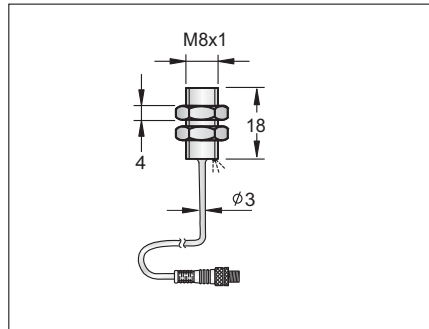
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IP67
-25 °C - +70 °C
<10%(Sr)
YES
220mA
POM

P1C1S0801NOTR3	25
P1C1S0801NCTR3	25
P1C1S0801POTR3	26
P1C1S0801PCTR3	26



Cable 0.3m PUR with m8x1 connect
Approx.25 g

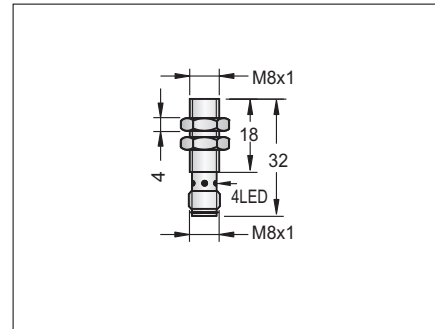
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<10%(Sr)
YES
220mA
POM

P1C1S0801NOPR3	25
P1C1S0801NCPR3	25
P1C1S0801POPR3	26
P1C1S0801PCPR3	26



-
Approx.15 g

DC MINI-SHORTER INDUCTIVE PROXIMITY SENSORS

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

Picture

M8

2mm
Stainless steel




CE

M8
●
2mm
Stainless steel
●



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

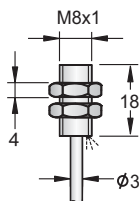
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IP67
-25°C - +70°C
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YES
220mA
POM

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.)

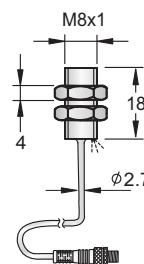
[illegible][illegible]

Dimensions (unit: mm)



Cable 2M (PVC)
Weight

3φ 3x0.15
Approx.35 g



Cable 0.3m PUR with m8x1 connect
Approx.25 g

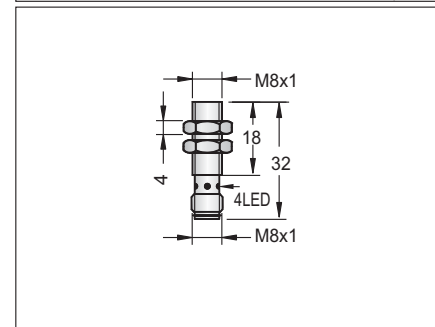
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2mm
Stainless steel
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P1C1S0802NCPR3	25
P1C1S0802POPR3	26
P1C1S0802PCPR3	26



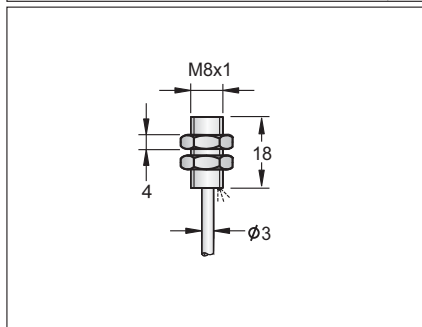
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Approx.15 g

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3mm
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10-30VDC
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<1.0%(Sr)
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P1C1S0803N03R2	1
P1C1S0803NC3R2	2
P1C1S0803PO3R2	3
P1C1S0803PC3R2	4



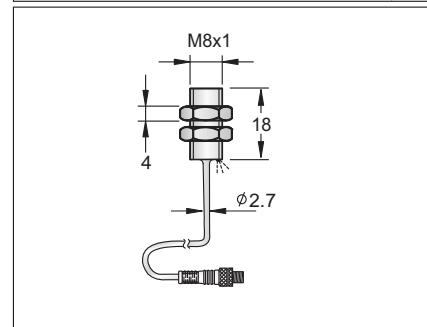
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Cable 0.3m PUR with m8x1 connect
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● Shielded ○ Non-shielded

Switching Distance Sn: mm

Housing Material

● With LED ○ Without LED

Picture



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Stainless steel

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1mm

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Ripple

No Load Current

Max. Load Current

Leakage Current

Voltage Drop

Switching Frequency

Response Time

Switching Hysteresis

Repeat Accuracy

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DC 2 wire 10-60V N.C.

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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.

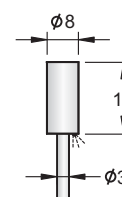
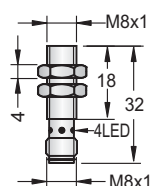
DC 3 wire 5-36V NPN N.C.

DC 3 wire 5-36V PNP N.O.

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DC 4 wire 5-36V Changeover PNP (N.O. & N.C.)

DC 4 wire 5-36V Changeover NPN (N.O. & N.C.)



Cable 2M (PVC)

Weight

-

Approx.15 g

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Approx.25 g