

DC INDUCTIVE PROXIMITY SENSORS

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

Picture

M8	
	
3mm	6mm
Stainless steel or Nickel plated brass	
	



CE

M8	
	
3mm	6mm
Stainless steel or 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

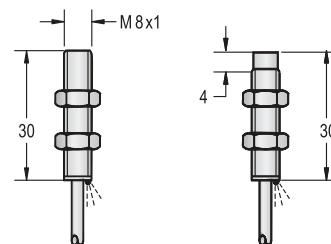
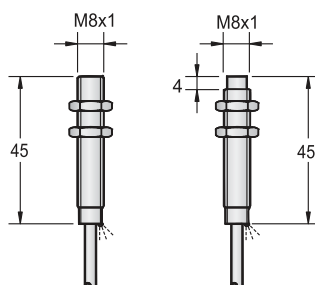
10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
1KHZ	500HZ
0.2ms/0.2ms	0.5ms/0.5ms
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
POM	

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200mA	
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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

3 ϕ 3x0.15
Approx.40 g

3 ϕ 3x0.15
Approx.47 g

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220mA	
POM	

[illegible][illegible]

Technical drawing of the LED light fixture showing front and side views with dimensions:

- Front View (Left):**
 - Top mounting hole: M8x1
 - Total height: 70
 - Bottom mounting hole: M12x1
 - LED indicator: 4LED
- Side View (Right):**
 - Top mounting hole offset: 4
 - LED indicator offset: 21
 - Bottom mounting hole offset: 8.5

Approx. 15 g

Approx. 12 g

Approx.22 g

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Ripple
No Load Current
Max. Load Current
Leakage Current
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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.)

Dimensions (unit: mm)

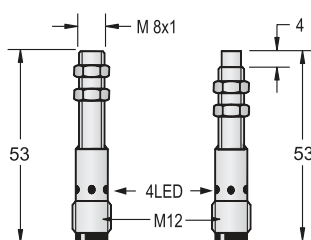
Cable 2M (PVC)
Weight

M8	
	
3 mm	6 mm
Stainless steel or Nickel plated brass	
	



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-25°C - +70 °C	
<10%(Sr)	
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220mA	
POM	

[illegible]

Approx. 17 g

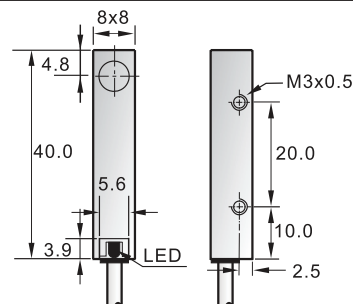
Q8
●
1 mm
Nickel plated brass
●



CE

10-30VDC / 5-36VDC
<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

HG-A1NO-C8E-1	1
HG-A1NC-C8E-1	2
HG-A1PO-C8E-1	3
HG-A1PC-C8E-1	4
	1
	2
	3
	4



3 ϕ 3x0.15
Approx.38 g