

PART G-01 ~ G-38

Diameter

● Shielded ○ non-Shielded

Switching Distance Sn mm

Housing Material

● With LED ○ Without LED

Dimensions (unit: mm)

Operating Voltage

Ripple

No Load Current

Max. Load Current

Leakge Current

Surge Current

Min. Load Current

Voltage Drop

Switching Frequency

Response Time

Switching Hysteresis

Repeat Accuracy

Protection Category

Operating Temperature

Temperature Drift

Short Circuit Protection

Overload Trip Point

Time Delay Before Availability

EMC

Shock / Vibration

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 10-60V N.O.

DC 2 wire 10-60V N.C.

DC 3 wire 10-55v NPN N.O. or NAMUR

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.)

Remark

Cable 2M (PVC)

Weight

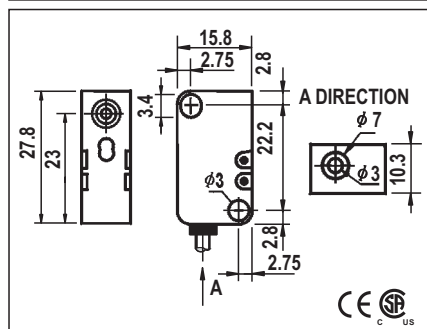
Please put each catalog page in the blank. The specification on the left will help your reading.

LONG SENSING DISTANCE PROXIMITY SWITCH SQUARE TYPE

[illegible][illegible][illegible]

LONG SENSING DISTANCE PROXIMITY SWITCH SQUARE TYPE

Q16x28x10	
	
3 mm	6 mm
PBT RESIN	
	

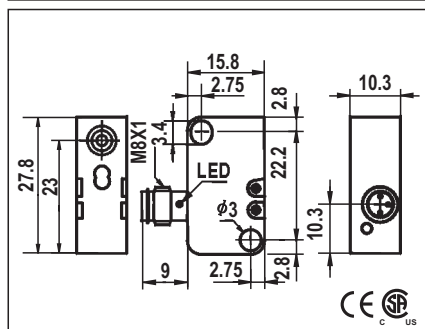


10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
-	
-	
<2.0V	
1KHZ	500HZ
0.1ms/0.1ms	0.2ms/0.2ms
<15%	
<1.0%(Sr)	
IP67	
-25° C - +70° C	
<10%(Sr)	
YES	
220mA	
<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2, Part 7.4.1 / IEC 60947-5-2, Part 7.4.2	
PRT	

[illegible]

4.0 Ø 3x0.15
Approx. 133 g

Q16x28x10	
	
3 mm	6 mm
PBT RESIN	
	

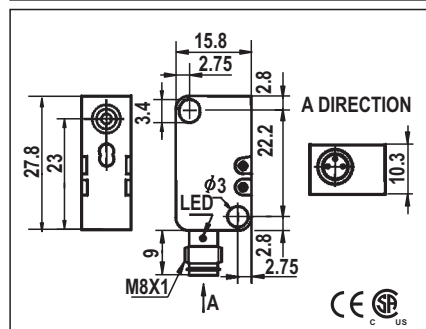


10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
-	
-	
<2.0V	
1KHZ	500HZ
0.1ms/0.1ms	0.2ms/0.2ms
<15%	
<1.0%(Sr)	
IP67	
-25° C - +70° C	
<10%(Sr)	
YES	
220mA	
<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
PRT RFSIN	

[illegible]

Approx.30 g

Q16x28x10	
	
3 mm	6 mm
PBT RESIN	
	



10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
-	
-	
<2.0V	
1KHZ	500HZ
0.1ms/0.1ms	0.2ms/0.2ms
<15%	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
PRT RFSIN	

[illegible]

Approx.30 g

LONG SENSING DISTANCE PROXIMITY SWITCH SQUARE TYPE

[illegible][illegible][illegible]

LONG SENSING DISTANCE PROXIMITY SWITCH SQUARE TYPE

Q 20
●
30 mm
PBT RESIN
●

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

- Side View (Left):**
 - Width: 20
 - Height: 74
 - Internal height segments: 40 and 30
- Front View (Right):**
 - Width: 40
 - Height: 20
 - Mounting hole diameter: 12
 - LED chip diameter: 9
 - LED chip type: 2LED
 - Bottom mounting hole diameter: 12
 - Bottom mounting hole offset: 6
 - Bottom mounting hole diameter: 21
 - Bottom mounting hole diameter: R4

10-30VDC or 10-55VDC or 20-250VAC/DC
<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
<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
POM

[illegible]

Note:
All cable type have
pigtail connect mode,
LQP***p
→ pigtail mode

Approx.110 g

Q 20
●
30 mm
PBT RESIN
●

Technical drawing of the M12x1 LED module showing side and top views with dimensions.

Side View Dimensions:

- Top width: 20
- Total height: 74
- LED chip height: 40

Top View Dimensions:

- Overall width: 40
- Overall height: 30
- LED chip width: 12
- LED chip height: 12
- LED chip area: 2LED
- Mounting hole diameter: 9
- Mounting hole spacing: 12
- Mounting hole diameter: 6
- Mounting hole diameter: R4

Labels:

- M12x1
- M12x1
- CE
- US

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
<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
POM

[illegible]

--

Approx.110 g

Q25x40x12	
	
6 mm	10 mm
PBT RESIN	
	

10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
-	
-	
<2.0V	
1KHZ	500HZ
0.1ms/0.1ms	0.2ms/0.2ms
<15%	
<1.0%(Sr)	
IP67	
-25° C - +70° C	
<10%(Sr)	
YES	
220mA	
<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
PRT	

[illegible]

--

4.0 ϕ 3x0.15
Approx.133 g