

PART P-01 ~ P-22

Ribg Wide

● Shielded ○ non-Shielded

Switching Distance Sn mm

Housing Material

● With LED ○ Without LED

Dimensions (unit: mm)

Operating Voltage & Ripple

Min. Time Between Targets

No Load Current

Max. Load Current

Leakge Current

Surge Current

Min. Load Current

Voltage Drop

Switching Frequency

Pulse Duration

Switching Hysteresis

Repeat Accuracy

Protection Category

Operating Temperature

Temperature Drift

Min. Target

Reverse Polarity Protection

Short Circuit Protection

Overload Trip Point

EMC

Shock / Vibration

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.

AC 2 wire 20-250V N.O.

AC 2 wire 20-250V N.C.

AC/DC 2 wire 20-250V N.O.

AC/DC 2 wire 20-250V N.C.

NAMUR

Remark

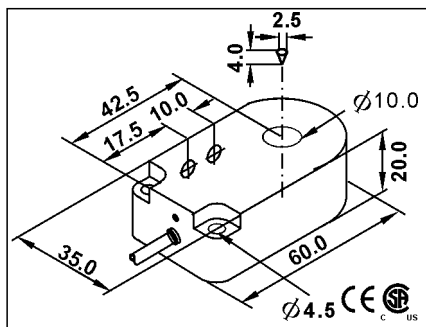
Cable 2M (PVC)

Weight

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

DC RING TYPE INDUCTIVE PROXIMITY SENSORS

10mm
○
-
PBT
○



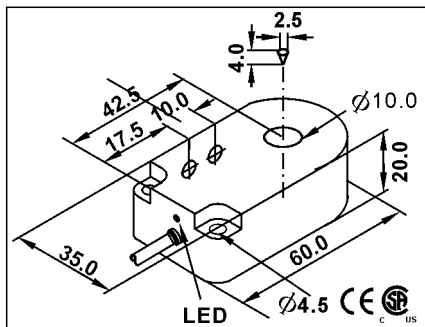
6~12VDC (Ripple≤10%)
-
≥2.2mA(off);≤0.1mA(on)
-
-
-
-
-
2kHz
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
-
D=2.5mm;L=4mm
-
-
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2.Part 7.4.1 / IEC 60947-5-2.Part 7.4.2

[illegible]

**Wiring diagram number see page 11-18.
The following page is the same.**

4 ϕ 2X0.34
approx.97q

10mm
○
-
PBT
●

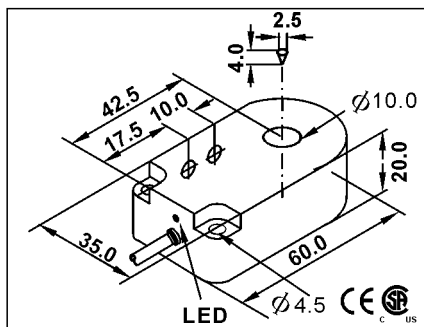


10~60VDC (Ripple≤10%)
-
≤1.8mA
100mA
≤1.8mA
-
3mA
<6V at 100mA
2kHz
-
15%
≤2% of Rated Operating Distance
IP67
-25℃ to 70℃
±10%(sr)
D=2.5mm;L=4mm
Yes
Yes
120~150mA
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2

[illegible]

4ϕ 2X0.34
approx.97g

10mm
○
-
PBT
●



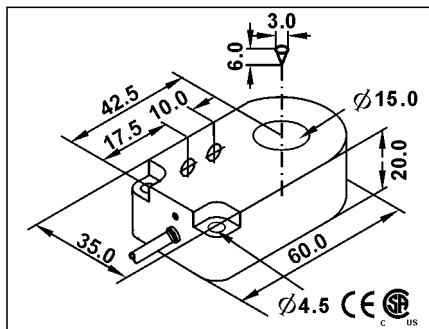
10~30VDC (Ripple≤10%)
-
≤15mA
≤200mA
≤10uA
-
-
≤1.5V at 200mA
2kHz
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
±10%(sr)
D=2.5mm;L=4mm
Yes
Yes
220~280mA
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2.Part 7.4.1 / IEC 60947-5-2.Part 7.4.2

[illegible]

4ϕ
approx.97q

DC RING TYPE INDUCTIVE PROXIMITY SENSORS

15mm
○
-
PBT
○



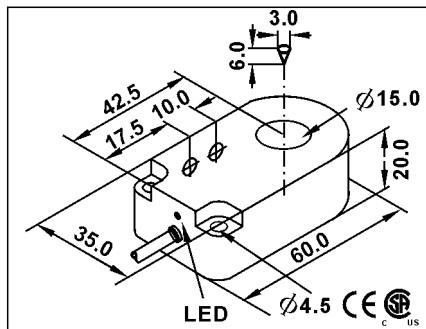
6~12VDC (Ripple≤10%)
-
≥2.2mA(off);≤0.1mA(on)
-
-
-
-
-
1.5kHz
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
-
D=3mm;L=6mm
-
-
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2

[illegible]

4φ 2X0.5
approx.95g

15mm

-
PBT

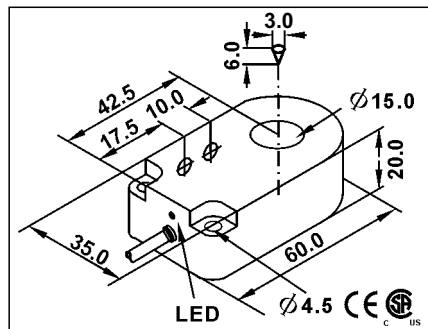



10~60VDC (Ripple≤10%)
-
≤1.8mA
100mA
≤1.8mA
-
3mA
<6V at 100mA
1.5kHz
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
±10%(sr)
D=3mm;L=6mm
Yes
Yes
120~150mA
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2

[illegible]

4 ϕ 2X0.5
approx.95g

15mm
○
-
PBT
●



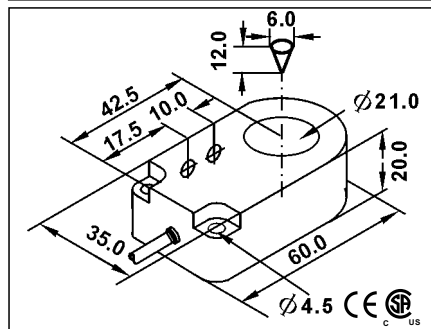
10~30VDC (Ripple≤10%)
-
≤15mA
≤200mA
≤10uA
-
-
≤1.5V at 200mA
1.5kHz
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
±10%(sr)
D=3mm;L=6mm
Yes
Yes
220~280mA
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2

[illegible]

4 Ø
approx.95g

DC RING TYPE INDUCTIVE PROXIMITY SENSORS

21mm
○
-
PBT
○

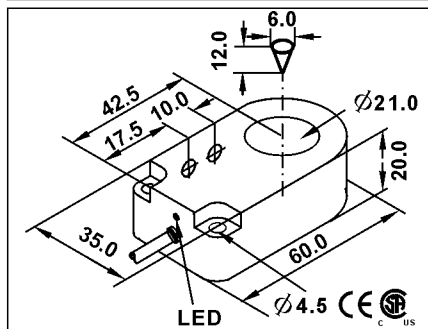


6~12VDC (Ripple≤10%)
-
≥2.2mA(off);≤0.1mA(on)
-
-
-
-
1kHz
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
-
D=6mm;L=12mm
-
-
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2.Part 7.4.1 / IEC 60947-5-2.Part 7.4.2

[illegible]

4φ 2X0.34
approx.91g

21mm
○
-
PBT
●

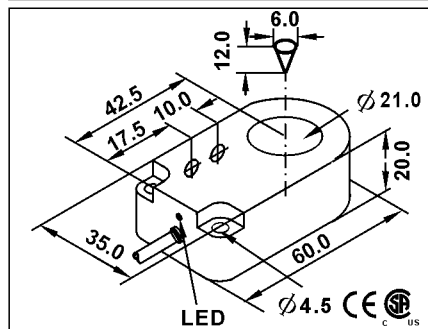


10~60VDC (Ripple≤10%)
-
≤1.8mA
100mA
≤1.2mA
-
3mA
<6V at 100mA
1kHz
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
±10%(sr)
D=6mm;L=12mm
Yes
Yes
120~150mA
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2

[illegible]

4Ø 2X0.34
approx.91g

21mm
○
-
PBT
●



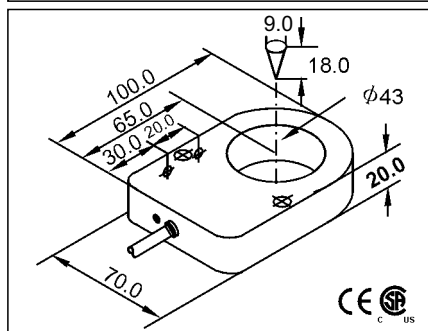
10~30VDC (Ripple≤10%)
-
≤15mA
≤200mA
≤10uA
-
-
≤1.5V at 200mA
1kHz
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
±10%(sr)
D=6mm;L=12mm
Yes
Yes
220~280mA
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2

[illegible]

4ϕ
approx.91g

DC RING TYPE INDUCTIVE PROXIMITY SENSORS

43mm
○
-
PBT
○

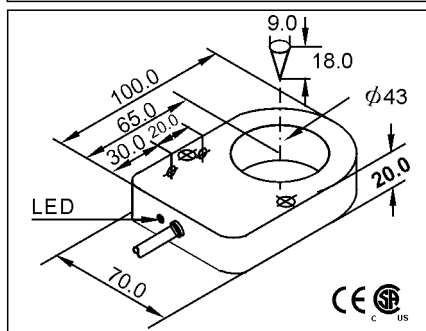


6~12VDC (Ripple≤10%)
-
≥2.2mA(off);≤0.1mA(on)
-
-
-
-
-
500HZ
-
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
-
D=9mm;L=18mm
-
-
-
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2.Part 7.4.1 / IEC 60947-5-2.Part 7.4.2

[illegible]

5.8∅ 2X0.5
approx.216g

43mm
○
-
PBT
●

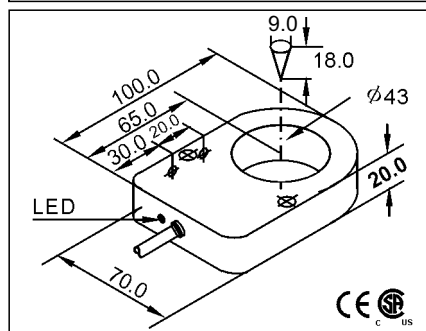


10~60VDC (Ripple≤10%)
-
≤1.8mA
100mA
≤1.2mA
-
3mA
<6V at 100mA
500HZ
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
±10%(sr)
D=9mm;L=18mm
Yes
Yes
120~150mA
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2.Part 7.4.1 / IEC 60947-5-2.Part 7.4.2

[illegible]

5.8Ø 2X0.5
approx.216g

43mm
○
-
PBT
●



10~30VDC (Ripple≤10%)
-
≤15mA
≤200mA
≤10uA
-
-
≤1.5V at 200mA
500HZ
-
15%
≤2% of Rated Operating Distance
IP67
-25°C to 70°C
±10%(sr)
D=9mm;L=18mm
Yes
Yes
220~280mA
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2.Part 7.4.1 / IEC 60947-5-2.Part 7.4.2

[illegible]

5.8ϕ
approx.216g