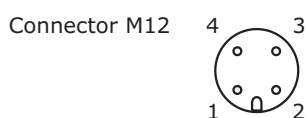
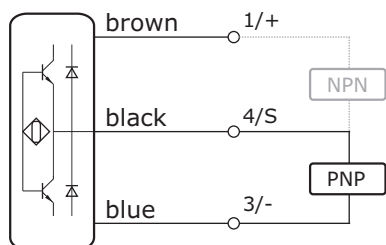


Inductive Ring Sensors

Output Schematics



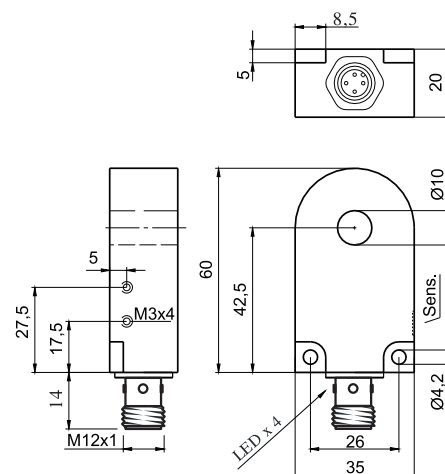
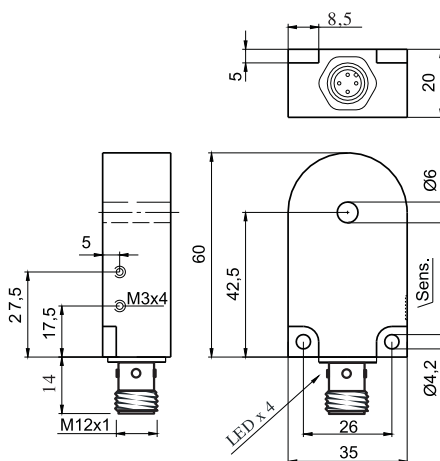
Ø 6 mm

Ø 10 mm



Ø 1.0 mm

Ø 1.5 mm



SPECIFICATIONS

Sensitivity
Operating Voltage
Reverse Polarity Protection
Current Consumption
Current Load Capability
Short Circuit Protection
Voltage Drop
Adjustment
Object Speed - Min. / Max.
Response / Release Time
Operating Temperature
Protection Class
Housing Material
Ring Material
Mounting Distance to Metal
Connection
AA1400

Ø 6 mm

adjustable, > Ø1 mm steel ball
10...30 VDC, 3-wire
built-in
< 10 mA
200 mA
built-in - self resetting
2 V @ 200 mA
Multi-Turn-Pot.
- | 45 mS (147 ft/s)
0.5 / 100 ms
-25... +70°C
IP67
PBT
Nylon
> 5 mm
Connector M12, 4-pole
Integrated

Ø 10 mm

adjustable, > Ø1.5 mm steel ball
10...30 VDC, 3-wire
built-in
< 10 mA
200 mA
built-in - self resetting
2 V @ 200 mA
Multi-Turn-Pot.
- | 45 mS (147 ft/s)
0.5 / 100 ms
-25... +70°C
IP67
PBT
Nylon
> 5 mm
Connector M12, 4-pole
Integrated

Article Code

PNP, NO
PNP, NC
NPN, NO
NPN, NC

IR06S-PO100/M12
IR06S-PC100/M12
IR06S-NO100/M12
IR06S-NC100/M12

IR10S-PO100/M12
IR10S-PC100/M12
IR10S-NO100/M12
IR10S-NC100/M12

Inductive Ring Sensors

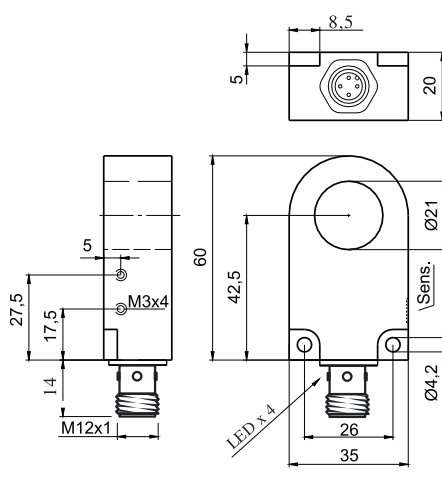
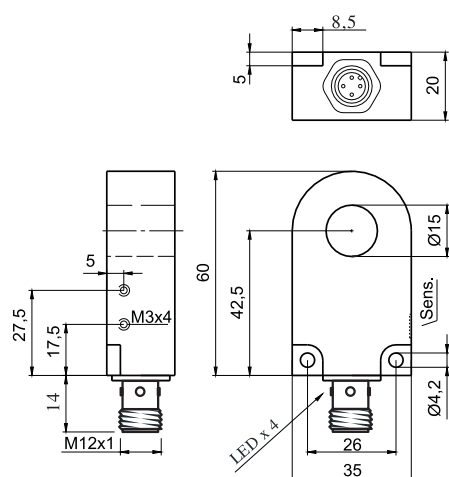
Ø 15 mm

Ø 21 mm



Ø 2.0 mm

Ø 2.8 mm



Ø 15 mm

Ø 21 mm

dadjustable, > Ø2 mm steel ball
 10...30 VDC, 3-wire
 built-in
 < 10 mA
 200 mA
 built-in - self resetting
 2 V @ 200 mA
 Multi-Turn-Pot.
 - | 40 mS (131 ft/s)
 0.5 / 100 ms
 -25... +70°C
 IP67
 PBT
 Nylon
 > 5 mm
 Connector M12, 4-pole
 Integrated

adjustable, > Ø2.5 mm steel ball
 10...30 VDC, 3-wire
 built-in
 < 10 mA
 200 mA
 built-in - self resetting
 2 V @ 200 mA
 Multi-Turn-Pot.
 - | 35 mS (115 ft/s)
 0.5 / 100 ms
 -25... +70°C
 IP67
 PBT
 Nylon
 > 5 mm
 Connector M12, 4-pole
 Integrated

IR15S-PO100/M12
 IR15S-PC100/M12
 IR15S-NO100/M12
 IR15S-NC100/M12

IR21S-PO100/M12
 IR21S-PC100/M12
 IR21S-NO100/M12
 IR21S-NC100/M12