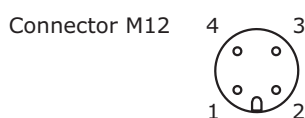
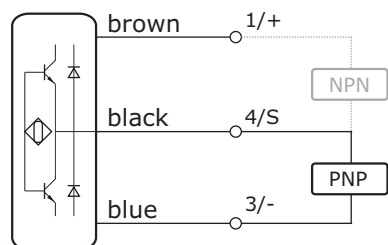


Capacitive Ring Sensors

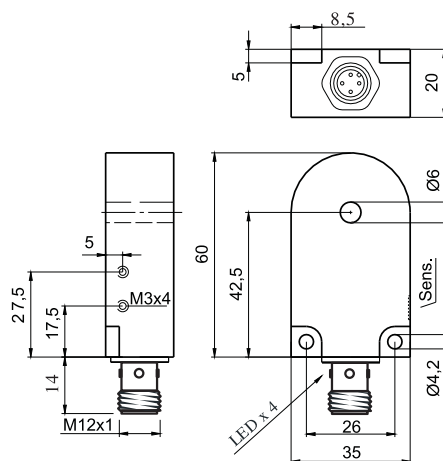
Output Schematics



Ø 6 mm



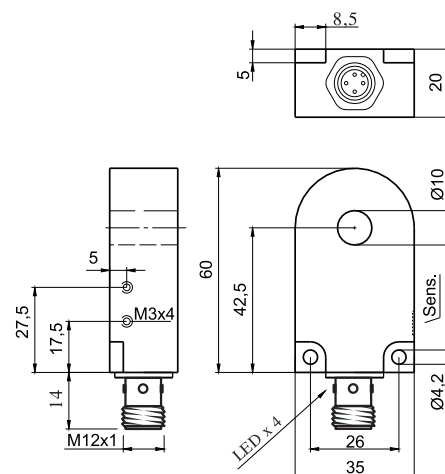
adjustable



Ø 10 mm



adjustable



SPECIFICATIONS

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

Article Code

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

Ø 6 mm

adjustable
10...30 VDC, 3-wire
built-in
< 10 mA
200 mA
built-in - self resetting
< 1.5 V @ 200 mA
Multi-Turn-Pot.
not suitable for detecting fast objects
3...15 %
-25... +70°C
IP67
PBT
Nylon
> 5 mm
Connector M12, 4-pole
Integrated

CR06S-PO/M12
CR06S-PC/M12
CR06S-NO/M12
CR06S-NC/M12

Ø 10 mm

adjustable
10...30 VDC, 3-wire
built-in
< 10 mA
200 mA
built-in - self resetting
< 1.5 V @ 200 mA
Multi-Turn-Pot.
not suitable for detecting fast objects
3...15 %
-25... +70°C
IP67
PBT
Nylon
> 5 mm
Connector M12, 4-pole
Integrated

CR10S-PO/M12
CR10S-PC/M12
CR10S-NO/M12
CR10S-NC/M12

Capacitive Ring Sensors

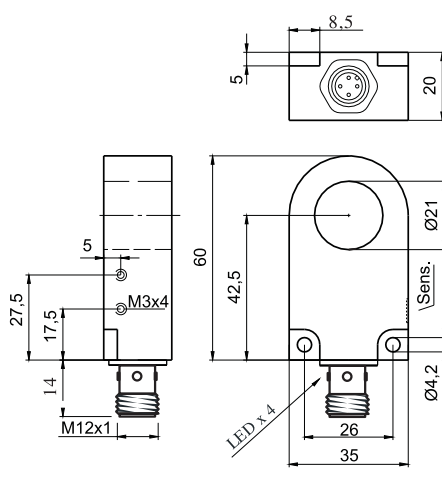
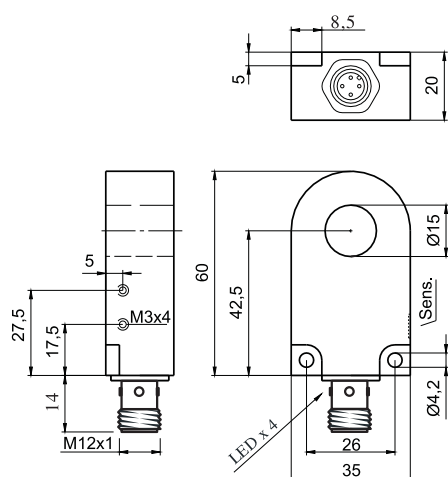
Ø 15 mm

Ø 21 mm



adjustable

adjustable



Ø 15 mm

Ø 21 mm

adjustable
 10...30 VDC, 3-wire
 built-in
 < 10 mA
 200 mA
 built-in - self resetting
 < 1.5 V @ 200 mA
 Multi-Turn-Pot.
 not suitable for detecting fast objects
 3...15 %
 -25... +70°C
 IP67
 PBT
 Nylon
 > 5 mm
 Connector M12, 4-pole
 Integrated

adjustable
 10...30 VDC, 3-wire
 built-in
 < 10 mA
 200 mA
 built-in - self resetting
 < 1.5 V @ 200 mA
 Multi-Turn-Pot.
 not suitable for detecting fast objects
 3...15 %
 -25... +70°C
 IP67
 PBT
 Nylon
 > 5 mm
 Connector M12, 4-pole
 Integrated

CR15S-PO/M12
 CR15S-PC/M12
 CR15S-NO/M12
 CR15S-NC/M12

CR21S-PO/M12
 CR21S-PC/M12
 CR21S-NO/M12
 CR21S-NC/M12