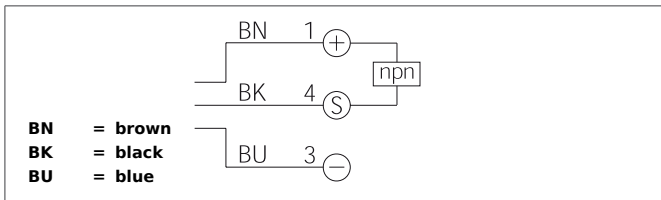


## IRB 10 NS-B3 Inductive Ring Sensor

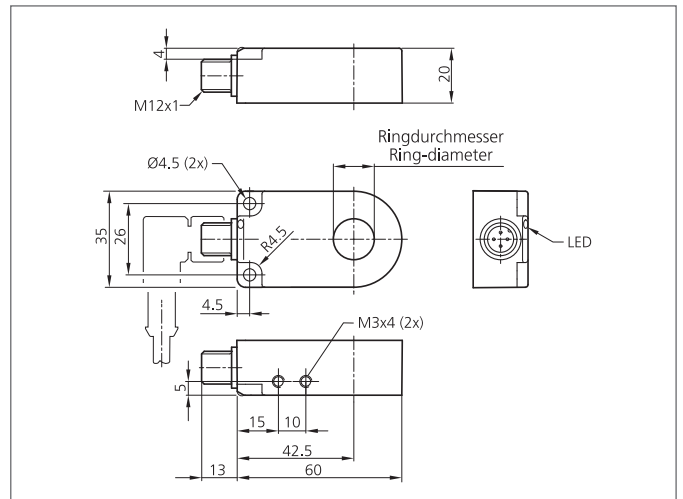
- Quick commissioning, no setting elements
- No risk of wrong adjustments
- High protection class IP 67
- Short response time
- Insensitive to dirt
- Static working principle
- Metal connector



### Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Operating principle	Static
Ring-diameter	10,1 mm
Service voltage	10 ... 35 V DC (Supply Class 2)
Internal power consumption	< 11 mA
Resolution	Ø 2 mm
Sensitivity adjustment	no setting elements
Switching output	npn, 200 mA, NO
Recovery time	300 ms
Shock-/vibration load	10 ... 55 Hz / 1,0 mm / 30 g
Speed of parts	< 35 m/s
Pulse stretching	150 ms
Voltage drop	< 2,0 V
Ambient temperature	-25 ... +70 °C
Insulation voltage endurance	1.000 V
Protection class	IP 67
Protection degree	III, operation on protective low voltage
Casing material	polyamide / ring POM
Connection	Connector, M12, 4-poled
Connecting cable	VK ...