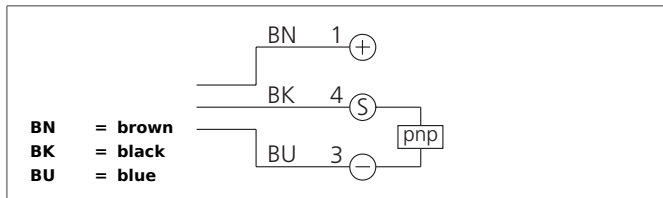


ORSD 20 P2K-IBS Ring Light Barrier

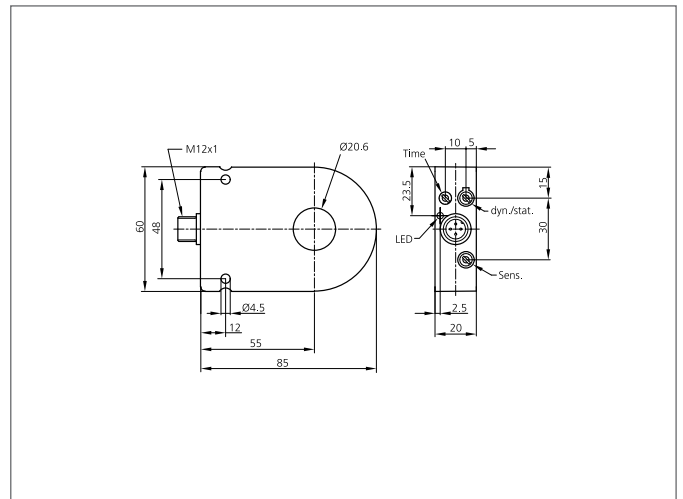
- Compact design
- High resolution
- Static/dynamic switchable
- Pulse stretching adjustable
- Detection of metallic and non-metallic parts



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		Dynamic/static switchable, Optical
Ring-diameter		20,6 mm
Emitted light		Infrared, clocked
Maximum rating		200 mA
Service voltage		10 ... 35 V DC
Internal power consumption		< 30 mA
Resolution		Ø 1,5 mm
Sensitivity adjustment		potentiometer
Switching output		pnp, 200 mA, NO
Pulse stretching		0,1 ... 150 ms, adjustable
Voltage drop		< 2,0 V
Response-/release time		0,1 ms
Ambient temperature		0 ... +60 °C
Ambient light immunity		5 kLx
Insulation voltage endurance		500 V
Protection class		IP 67
Protection degree		III, operation on protective low voltage
Casing material		plastics PA chromium-plated
Connection		Connector, M12, 3-poled
Connecting cable		VK ...