

# ORSD 20 P2K-IBS

## Ring Light Barrier

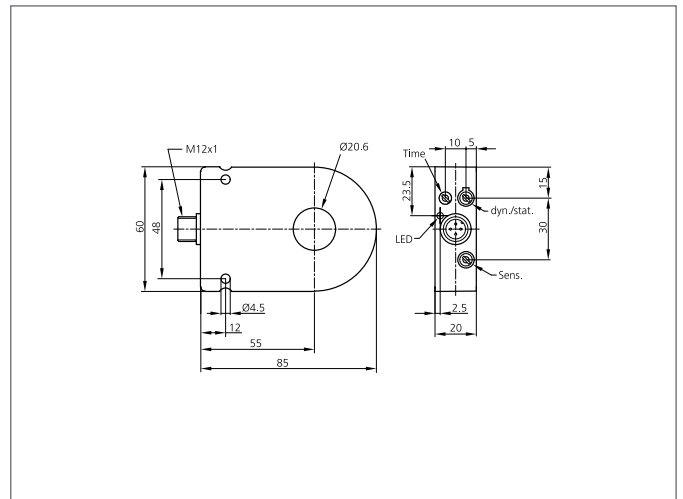
- Compact design
- High resolution
- Static/dynamic switchable
- Pulse stretching adjustable
- Detection of metallic and non-metallic parts



### 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
Inside diameter	20,6 mm
Emitted light	Infrared, clocked
Maximum rating	200 mA
Service voltage	10 ... 35 V DC
No-load current	< 30 mA
Resolution	Ø 1,5 mm
Sensitivity adjustment	potentiometer
Switching output	pnp, 200 mA, NO
Shock-/vibration load	10 ... 55 Hz / 1,0 mm / 30 g
Pulse stretching	0,1 ... 150 ms adjustable
Voltage drop	< 2,0 V
Response-/release time	0,10 ms
Ambient temperature, operation	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 ...