

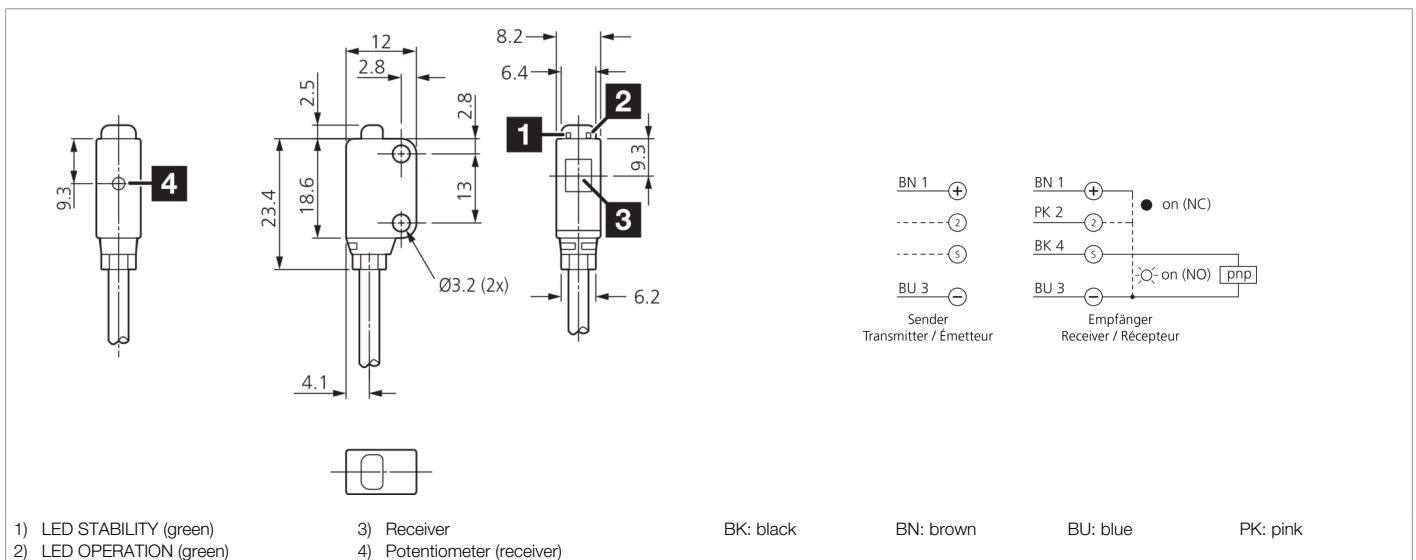


207204

LES 21 K 1000 P3

Laser through-beam sensor, transmitter and receiver

- Long ranges with a small design
- High resolution
- Visible red light with small light spot
- Sensitivity is adjustable
- LED switching status display
- Set includes transmitter and receiver



Function									

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10.8 ... 26.4 V DC
No-load current (max.)	10 mA
Insulation voltage endurance	1000 V
Housing dimensions	22 x 13 x 8.5 mm
Housing length	13 mm
Housing height	22 mm
Housing width	8.5 mm
Housing material	Plastic
Material	Acrylic (Window)
Protection class	III, operation on protective low voltage
Operating principle	Through-beam sensor
Evaluation	digital
Design	Cuboid design
Consisting of	Transmitter and Receiver
Switching output	pnp, 50 mA, NO/NC
Light source	Laser
Laser class	CLASS 1 LASER PRODUCT, 1 (IEC 60825-1:2014 / EN 60825-1:2014)
Color	Red
Wavelength	655 nm

**207204****LES 21 K 1000 P3****Laser through-beam sensor, transmitter and receiver**

Technical data (typ.)	+20°C, 24 V DC
Modulation	Clocked
Ambient light immunity	3 kLx
Range	0 ... 1000 mm
Resolution	6 x 4 mm (with operating range 1000 mm)
Smallest detectable object	Ø 0.3 mm
Switching hysteresis (max.)	20 %
Sensitivity adjustment	Potentiometer
Switching frequency	1000 Hz
Response time	0.50 ms
Ambient temperature during operation	-10 ... +55 °C
Vibration/shock resistance	10 ... 500 Hz / 1.5 mm / 10 G
Protection type	IP 67
Connection	Cable, 2.0 m, 4-pin (flying leads)
Connection cable	TK ... /4
More information / accessories	https://www.di-soric.com/207204