



207263
LR 21 K 4000 P3
Laser retroreflective sensor

- Long ranges with a small design
- High resolution
- Visible red light with small light spot
- Sensitivity is adjustable
- LED switching status display
- Reflector included



1) LED STABILITY
 2) LED OPERATION
 3) sensitivity

4) Receiver
 5) Transmitter

BK: black BN: brown BU: blue PK: pink

Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10.8 ... 26.4 V DC
No-load current (max.)	15 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	Retroreflective sensor
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 50 mA, NO/NC
Light source	Laser
Color	Red
Wavelength	655 nm
Modulation	Clocked
Ambient light immunity	3 kLx
Range	0 ... 4000 mm



207263

LR 21 K 4000 P3

Laser retroreflective sensor

Technical data (typ.)

+20°C, 24 V DC

Referring reflector

RL 45 x 30 (included)

Sensitivity adjustment

Potentiometer

Switching frequency

1000 Hz

Response time

0.50 ms

Ambient temperature during operation

-10 ... +55 °C

Protection type

IP 67

Connection

Cable, 2.0 m, 4-pin

More information / accessories

<https://www.di-soric.com/207263>