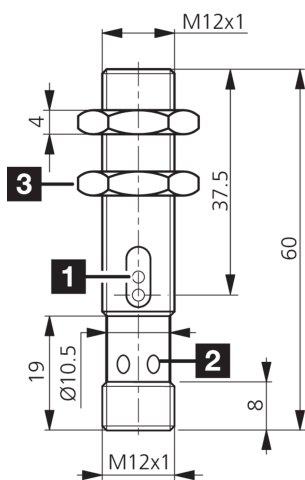




201474
ORV 12 M 1500 P2K-IBSL
Retroreflective sensor

- Compact design
- Red light
- Polarization filter
- High resolution, switching accuracy, switching frequency
- LED indication of switching state and functional reserve



1) LED
 2) LED 4 x 90° (yellow)

3) Width over flats 17 mm

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	10 ... 36 V DC
No-load current (max.)	20 mA
Insulation voltage endurance	500 V
Thread	M12 x 1
Housing material	Brass (CuZn, nickel-plated)
Material	Glass (Window)
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective sensor
Evaluation	digital
Design	Thread
Characteristics	Integrated polarization filter
Switching output	pnp, 200 mA, NO
Voltage drop (max.)	2 V
Light source	LED
Color	Red
Wavelength	660 nm
Modulation	Clocked
Ambient light immunity	10 kLx
Range	1500 mm



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ORV 12 M 1500 P2K-IBSL

Retroreflective sensor

Technical data (typ.)	+20°C, 24 V DC
Referring reflector	Ø 84 mm, R 84
Switching frequency	1000 Hz
Response time	0.50 ms
Release time	0.50 ms
Ambient temperature during operation	-25 ... +55 °C
Protection type	IP 67
Connection	Connector, M12, 4-pin
More information / accessories	https://www.di-soric.com/201474