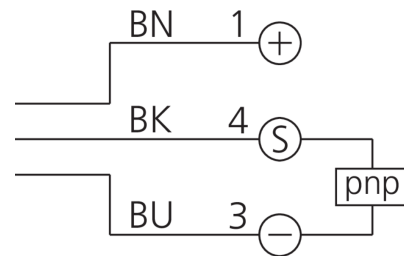
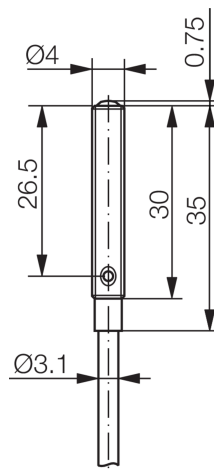




213031
OTD04-50PS-2R
Retroreflective diffuse sensor

- Extremely small design
- Red light
- Scanning range preset
- Stainless steel housing
- Can be installed countersunk
- Large temperature range



BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 30 V DC
No-load current (max.)	15 mA
Inverse polarity protection	Yes

Mechanical features

Diameter	Ø 4.0 mm (Diameter)
Housing length	35.8 mm
Housing material	Stainless steel (V4A)
Material of cable	Polyurethane
Material	Plastic (Window / optics)
Weight	30 g

Certifications, approvals

Protection class	III, operation on protective low voltage
Approvals	UL

General features

Operating principle	Retroreflective diffuse sensor
Evaluation	digital
Design	Cylinder



213031

OTD04-50PS-2R

Retroreflective diffuse sensor

Technical data (typ.)

+20°C, 24 V DC

Output, input, interface

Switching output	pnp, 100 mA, NO
Voltage drop (max.)	2 V

Optical data

Color	Red
Wavelength	630 nm
Light spot size	18 x 20 mm (at 50 mm distance)

Detection range, measuring range, tolerance limits

Range	0 ... 50 mm
Scanning range	50 mm
Standardized measuring plate	200 x 200 mm (white)

Display, operation

Sensitivity adjustment	no setting elements
Display	LED yellow - Switching output

Time behavior

Switching frequency	1000 Hz
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Ambient conditions

Ambient temperature during operation	-25 ... +65 °C
Protection type	IP 67

Electrical connection

Connection	Cable, 2.0 m, 3-pin
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More information / accessories

<https://www.di-soric.com/213031>