



di-soric OTD04-10PS-T3 Diffuse Sensor Owner's Manual

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di-soric OTD04-10PS-T3 Diffuse Sensor



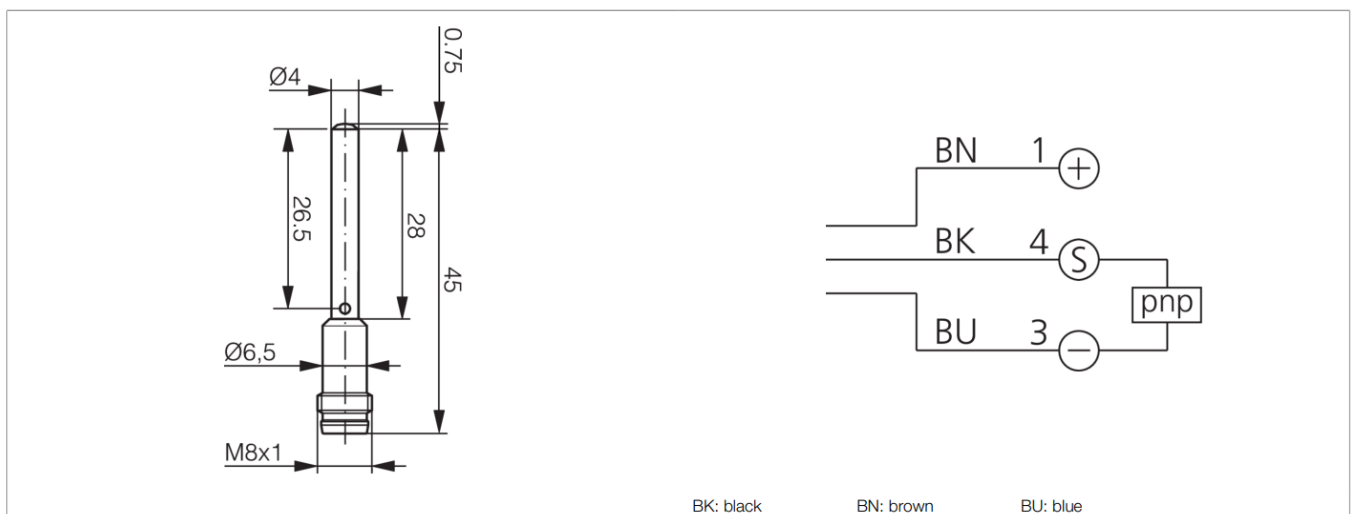
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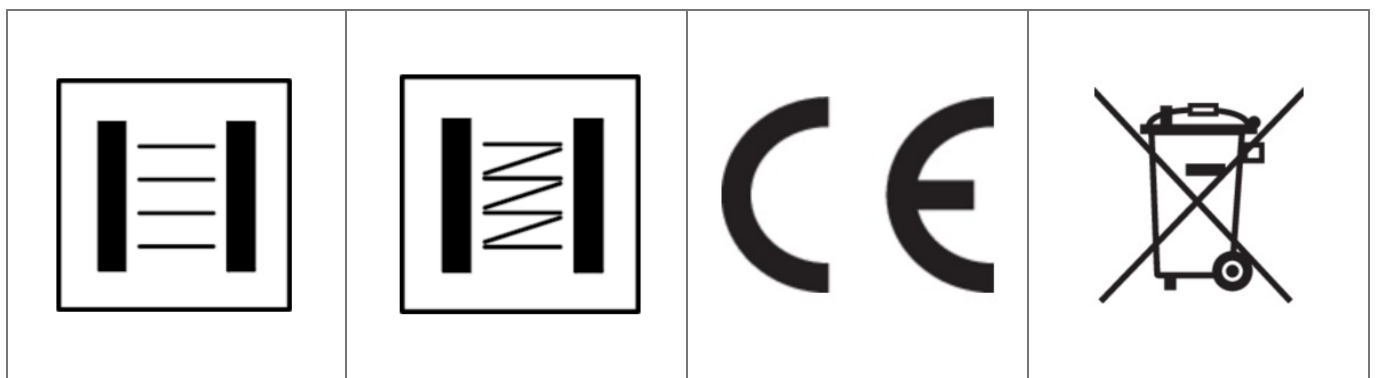
Features

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

Dimension



Function



Technical Data

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	15 mA
Inverse polarity protection	Yes
Diameter	Ø 4,0 mm (Diameter)
Housing material	Stainless steel (V2A)
Material	Plastic (Window / optics)
Weight	4 g
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective diffuse sensor
Evaluation	Digital
Design	Cylinder
Switching output	Voltage drop (max.)
pnp, 100 mA, NO	2 V
Light source	LED
Color	Red
Wavelength	630 nm
Light spot size	5 x 6 mm (at distance of 10 mm)
Scanning range	10 mm
Standardized measuring plate	200 x 200 mm (white)
Sensitivity adjustment	no setting elements
Switching frequency	1.000 Hz
Ambient temperature during operation	-25 ... +65 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin

More information / accessories

<https://www.di-soric.com/209597>

Customers Support



di-soric GmbH & Co. KG . Steinbeisstraße 6 . DE-73660 Urbach .
www.di-soric.com



Documents / Resources

	di-soric OTD04-10PS-T3 Diffuse Sensor [pdf] Owner's Manual 213032 OTD04-10PS-T3, OTD04-10PS-T3, OTD04-10PS-T3 Diffuse Sensor, Diffuse Sensor, Sensor
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References

- [di-soric – Solutions. Clever. Practical.](#)

[Manuals+](#)