



di-soric OTM05-10PS-2R Retroreflective Diffuse Sensor Owner's Manual

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di-soric OTM05-10PS-2R Retroreflective Diffuse Senso

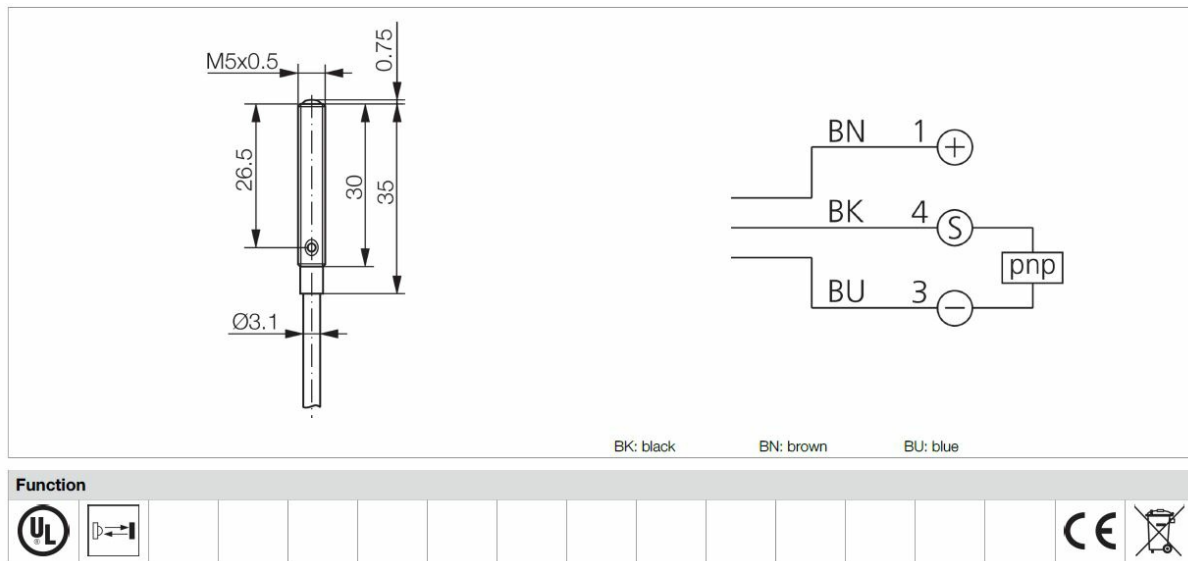


FEATURES

- Extremely small design
- Red light
- Scanning range preset
- Stainless steel housing

- Can be installed countersunk
- Large temperature range

DIMENSION



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
Thread	M5 x 0,5
Housing material	Stainless steel (V2A)
Material	■ Plastic (Window / optics) ■ Polyurethane (Cable)
Weight	30 g
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective diffuse sensor
Evaluation	digital
Design	Thread
Switching output	pnp, 100 mA, NO
Voltage drop (max.)	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)
Technical data (typ.)	+20°C, 24 V DC
Sensitivity adjustment	no setting elements
Display	LED yellow - Switching output
Switching frequency	1.000 Hz
Ambient temperature during operation	-25 ... +65 °C
Protection type	IP 67
Connection	Cable, 2,0 m
More information / accessories	https://www.di-soric.com/213023

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