

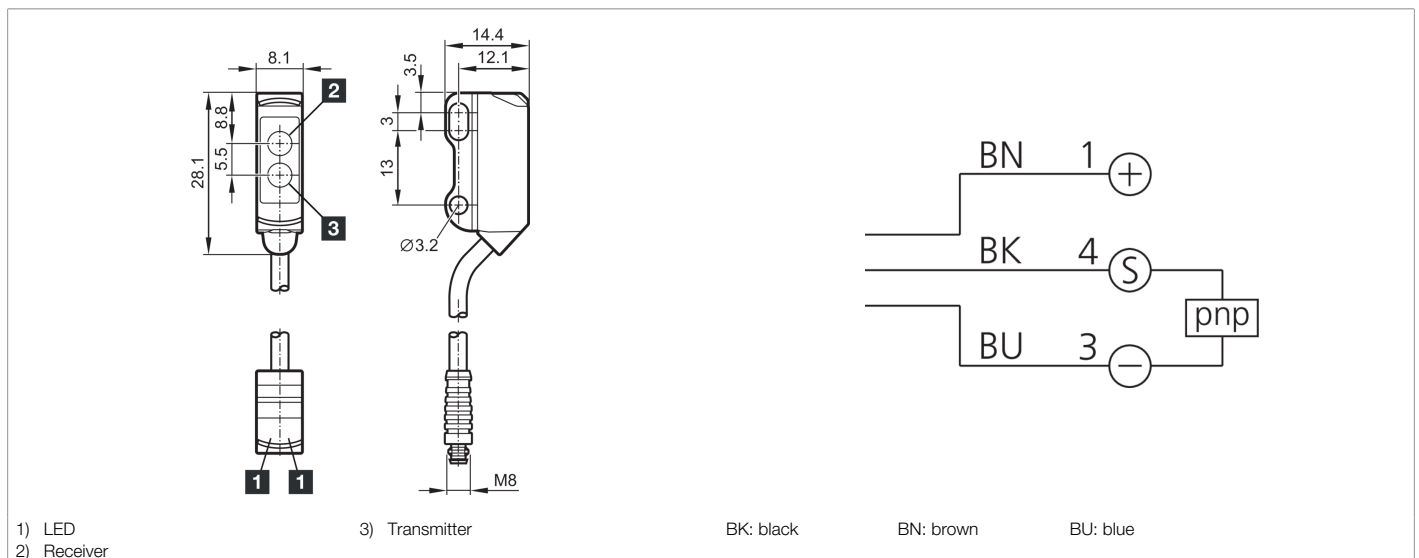


212979

OH21-80PS-0.3T3

Retroreflective diffuse sensors with background suppression

- Miniature design
- Mounting element made of metal
- High switching frequency
- Ideal background suppression
- Scanning range preset
- IO-Link
- Measuring function
- Scanning range parameterizable in mm



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	20 mA
Inverse polarity protection	Yes
Housing dimensions	28.1 x 8.1 x 14.4 mm
Housing material	Stainless steel / Plastic
Material	<ul style="list-style-type: none"> ■ Plastic (Window / optics) ■ PVC (Cable)
Weight	21 g
Protection class	III, operation on protective low voltage
Operating principle	Diffuse sensor with background suppression
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 100 mA, NO/NC, configurable
Voltage drop (max.)	2,5 V
Interface	IO-Link (V1.1, COM2 38.4 kBd, Smart Sensor Profile)
Light source	LED (Clocked)
Color	red
Wavelength	633 nm
Background suppression	Yes
Light spot size	> Ø 4 mm



212979

OH21-80PS-0.3T3

Retroreflective diffuse sensors with background suppression

Technical data (typ.)	+20°C, 24 V DC
Scanning range	1 ... 80 mm (configurable)
Standardized measuring plate	200 x 200 mm (white)
Display	LED Green - Status, yellow - Switching output
Switching frequency	1.000 Hz
Ambient temperature during operation	-25 ... +60 °C
Protection type	IP 65 / IP 67
Connection	Cable/connector, 0,3 m, M8, 3-pin
Connection cable	TK ...
More information / accessories	https://www.di-soric.com/212979