

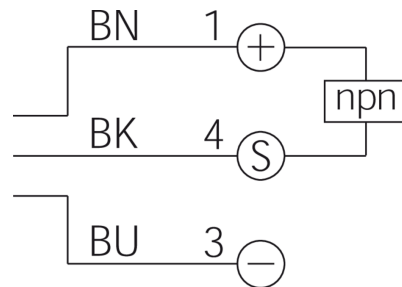
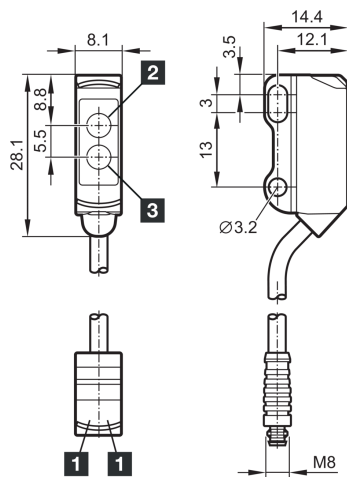


212980

OH21-80NS-0.3T3

Retroreflective diffuse sensors with background suppression

- Miniature design
- Mounting element made of metal
- High switching frequency
- Ideal background suppression
- Scanning range preset



- 1) LED
2) Receiver

- 3) Transmitter

BK: black

BN: brown

BU: blue

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 length	8.1 mm
Housing height	28.1 mm
Housing width	14.4 mm
Housing material	Stainless steel / Plastic
Material of cable	PVC
Material	Plastic (Window / optics)
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	npn, 100 mA, NO
Voltage drop (max.)	2.5 V
Light source	LED (Clocks)
Color	red
Wavelength	633 nm

**212980****OH21-80NS-0.3T3****Retroreflective diffuse sensors with background suppression****Technical data (typ.)****+20°C, 24 V DC**

Background suppression	Yes
Light spot size	> Ø 4 mm
Scanning range	1 ... 80 mm
Standardized measuring plate	200 x 200 mm (white)
Sensitivity adjustment	no setting elements
Display	LED Green - Status, yellow - Switching output
Switching frequency	1000 Hz
Ambient temperature during operation	-25 ... +60 °C
Protection type	IP 65 / IP 67
Connection	Pigtail, 0.3 m, M8, 3-pin
Connection cable	TK ...

More information / accessories**<https://www.di-soric.com/212980>**