

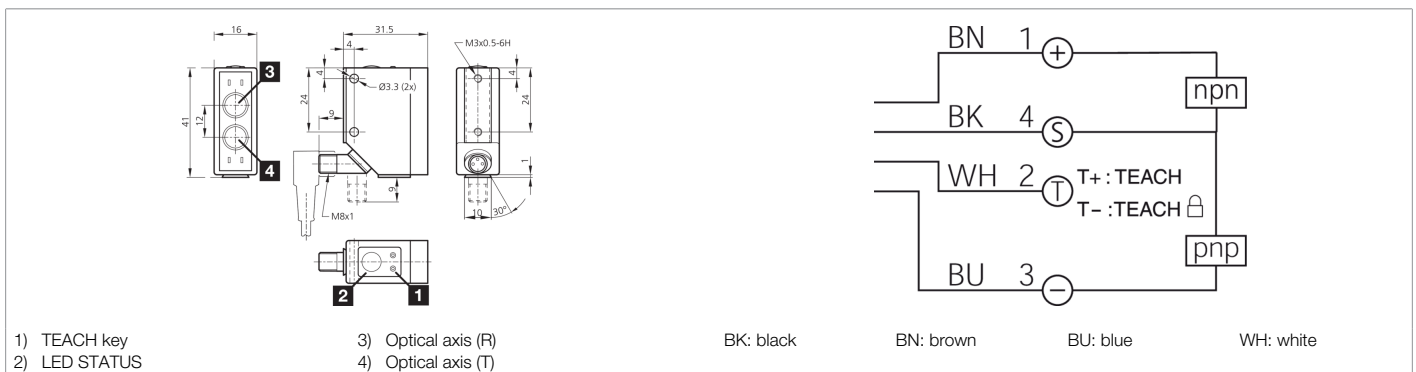


206979

OHT 41 M 0.2 FG3-T4

Diffuse sensor with background suppression

- Long ranges with a small design
- Connector, rotatable 270°
- Dovetail groove for secure mounting
- NO/NC changeover by teach key
- Auto and two-point teach procedures
- Visible red light with small light spot
- Angled optics
- Visual display for unstable function



Function													
												CE	

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	40 mA
Insulation voltage endurance	500 V
Housing dimensions	41 x 31.5 x 16 mm
Housing length	31.5 mm
Housing height	41 mm
Housing width	16 mm
Housing material	Die-cast zinc (Black, painted)
Material	PMMA (Window)
Protection class	III, operation on protective low voltage
Operating principle	Diffuse sensor with background suppression
Evaluation	digital
Design	Cuboid design
Switching output	Push-pull, 200 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Light source	LED
Color	Red
Wavelength	630 nm
Modulation	Clocked
Background suppression	Yes
Ambient light immunity	50 kLx
Scanning range	40 ... 200 mm
Sensitivity adjustment	Teach button, Remote teach
Switching frequency	500 Hz
Shock/vibration load	30 g, 10 ... 55 Hz / 0.5 mm



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Diffuse sensor with background suppression

Technical data (typ.)

+20°C, 24 V DC

Ambient temperature during operation

0 ... +50 °C

Protection type

IP 67

Connection

Connector, M8, 4-pin

Connection cable

TK ... /4

More information / accessories

<https://www.di-soric.com/206979>