

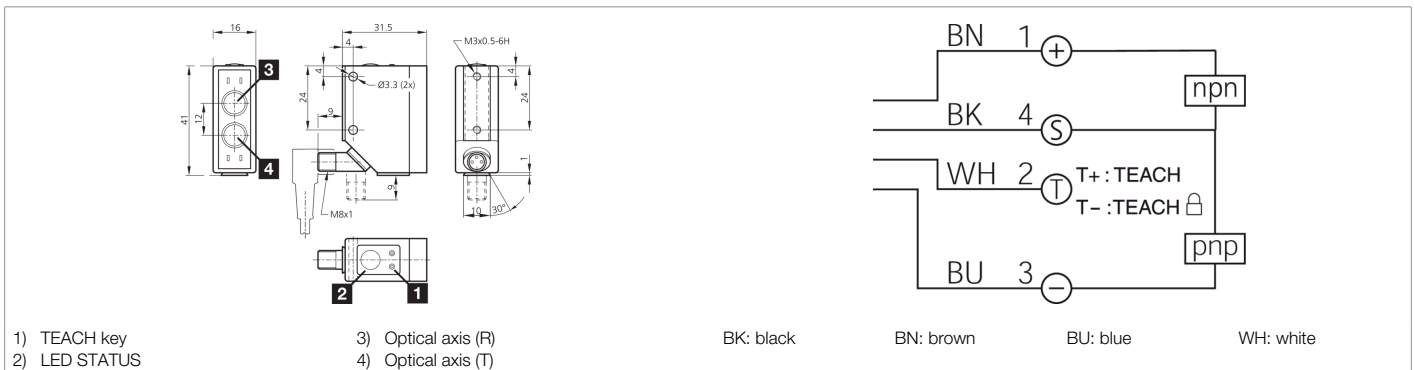


206980

LHT 41 M 0.2 FG3-T4

Laser diffuse sensor with background suppression

- Long range 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
- Display for unstable function



Function										

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	Laser
Laser class	CLASS 1 LASER PRODUCT, 1 (IEC 60825-1:2014 / EN 60825-1:2014)
Color	Red
Wavelength	655 nm (Pp < 2.7 mW t = 9.6 μs)
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



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**LHT 41 M 0.2 FG3-T4**

**Laser diffuse sensor with background suppression**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Shock/vibration load	30 g, 10 ... 55 Hz / 0.5 mm
Ambient temperature during operation	0 ... +50 °C
Protection type	IP 67
Connection	Connector, M8, 4-pin
Connection cable	TK ... /4
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/206980">https://www.di-soric.com/206980</a></b>