

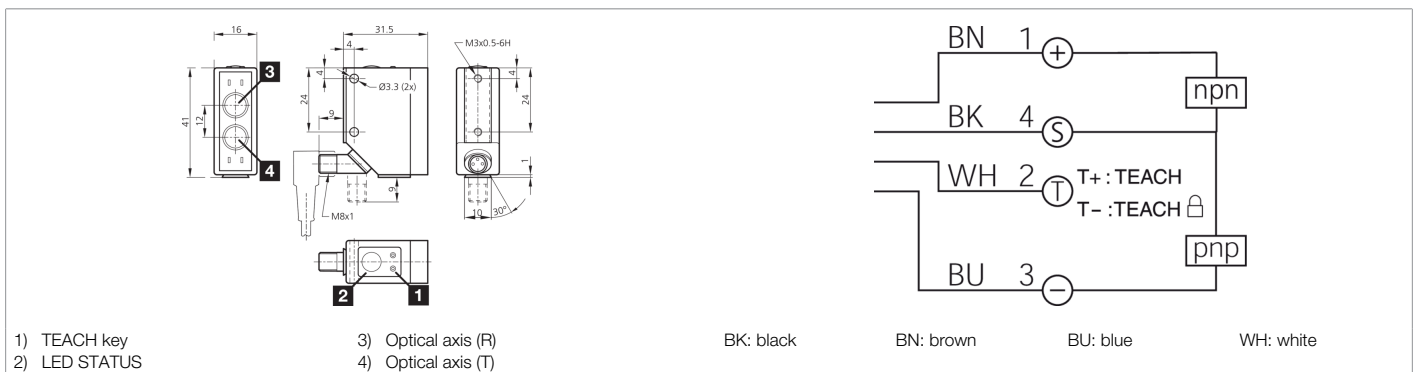


206980

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	1 (IEC 60825-1)
Color	red
Wavelength	650 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



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LHT 41 M 0.2 FG3-T4

Laser diffuse sensor with background suppression

Technical data (typ.)	+20°C, 24 V DC
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
More information / accessories	https://www.di-soric.com/206980