

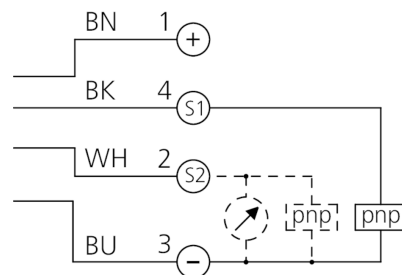
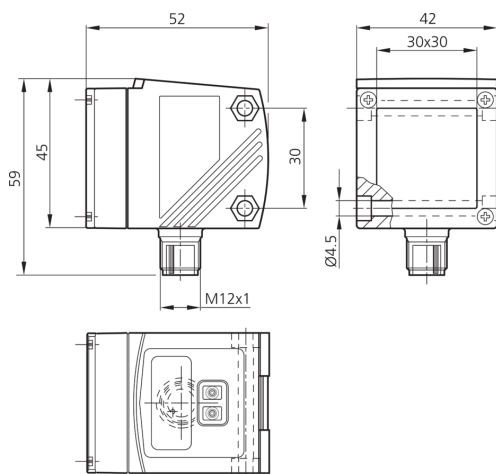


204712

LHT 9-45 M 10 P3IU-B4

Laser distance sensors

- Long range
- Red-light laser for simple alignment
- Switching and analog outputs parameterizable
- Four-digit display parameterizable
- Very good color and surface independence
- Robust metal housing
- High protection type



BK: black

BN: brown

BU: blue

WH: white

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	18 ... 30 V DC
No-load current (max.)	150 mA
Housing dimensions	45 x 52 x 42 mm
Housing material	Die-cast zinc (Black, painted)
Material window / optics	Glass
Protection class	III, operation on protective low voltage
Design	Cuboid design
Switching output	pnp (1x), 200 mA, NO/NC, switchable
Analog output	0 ... 10 V (linearized), 4 ... 20 mA (linearized)
Load resistance	0 to 10 V, > 5,000 Ω / 4 to 20 mA, < 250 Ω
Light source	Laser
Laser class	2 (IEC 60825-1)
Color	red
Wavelength	650 nm
Modulation	Clocked
Light spot size	Ø 6 mm
Ambient light immunity	100 kLx
Measuring range	200 ... 10000 mm
Switching frequency	5 Hz
Output sequence frequency	1 ... 33 Hz



204712
LHT 9-45 M 10 P3IU-B4
Laser distance sensors

Technical data (typ.)**+20°C, 24 V DC**

Ambient temperature during operation

-10 ... +60 °C

Protection type

IP 67

Connection

Connector, M12, 4-pin

Connection cable

VK ...

More information / accessories<https://www.di-soric.com/204712>