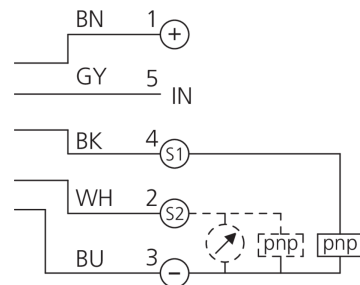
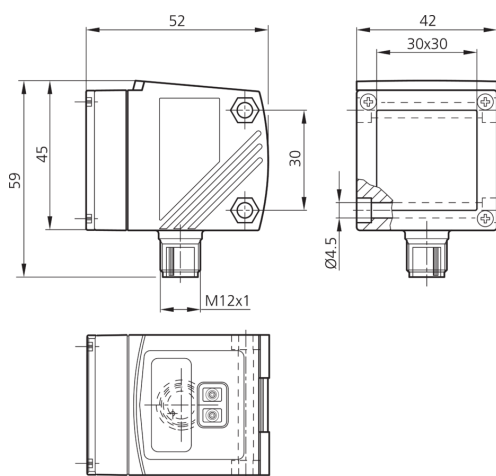




213002 LAT45-10MIU-B5 Laser distance sensors

- IO-Link
- Long range
- Very good color and surface independence
- Red-light laser for simple alignment
- Measured values on display
- Easy to operate
- Robust metal housing



BK: black
BN: brown

BU: blue
GY: grey

WH: white

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	18 ... 30 V DC (Supply Class 2)
No-load current (max.)	150 mA
Housing dimensions	45 x 52 x 42 mm
Housing material	Die-cast zinc (Black, painted)
Material	Glass (Window)
Weight	309 g
Protection class	III, operation on protective low voltage
Switching output	pnp (2x), 200 mA, NO/NC, configurable
Analog output	0 ... 10 V, 4 ... 20 mA
Interface	■ IO-Link V1.1, COM2 ■ Smart Sensor Profile
Light source	Laser
Laser class	2 (IEC 60825-1)
Color	red
Background suppression	10.000 ... 100.000 mm
Light spot size	Ø 15 mm (at distance of 10 m)
Ambient light immunity	100 kLx
Measuring range	200 ... 10.000 mm (90 % remission)
Resolution	1,0 mm (90% remission, measuring frequency 15 Hz)
Reproducibility	4.5 ... 50 mm (90% remission, measuring frequency 15 Hz)



213002
LAT45-10MIU-B5
Laser distance sensors

Technical data (typ.)		+20°C, 24 V DC
Linearity error		± 15 mm (90% remission, measuring frequency 15 Hz)
Sensitivity adjustment		Keypad
Display		LED Green - Status, yellow - Switching output
Measuring frequency		1,0 ... 33 Hz
Switching frequency		0,30 Hz ... 11 Hz
Ambient temperature during operation		-10 ... +60 °C
Protection type		IP 67
Connection		Connector, M12, 5-pin
Connection cable		VK ... /5
More information / accessories		https://www.di-soric.com/213002