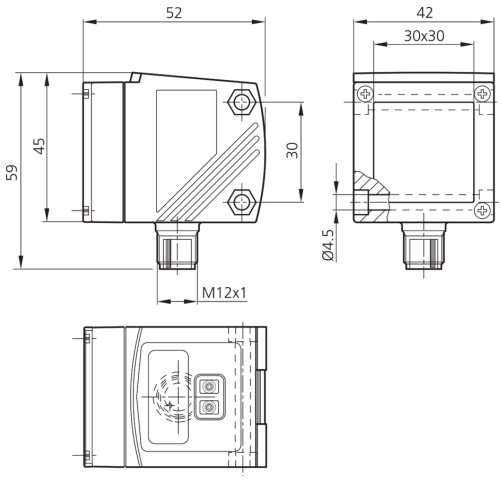
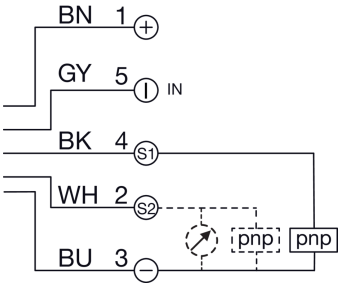
213003
LAT45-6MIU-B5
Laser distance sensors

- 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

IO-Link

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 length	52 mm
Housing height	45 mm
Housing width	42 mm
Housing material	Die-cast zinc (Black, painted)
Material window / optics	Glass
Weight	309 g
Protection class	III, operation on protective low voltage
Approvals	UL
Design	Cuboid design
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	CLASS 1 LASER PRODUCT, (IEC 60825-1:2014 / EN 60825-1:2014)
Color	Red
Background suppression	6000 … 100000 mm

213003
LAT45-6MIU-B5
Laser distance sensors

Technical data (typ.)	+20°C, 24 V DC
Light spot size	Ø 8 mm (at 6 m distance)
Ambient light immunity	100 kLx
Measuring range	300 … 6000 mm (90 % remission)
Resolution	1.0 mm (90% remission, measuring frequency 15 Hz)
Reproducibility	11 ... 145 mm (90% remission, measuring frequency 15 Hz)
Linearity error	± 31 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	0.3 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/213003

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