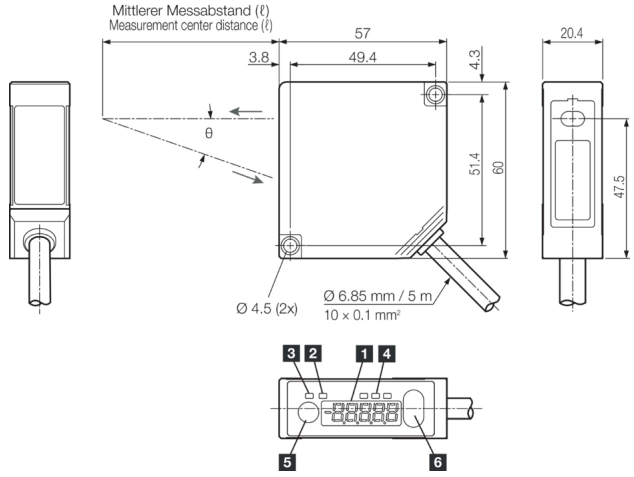
206992
LAT 61 K 85/40 IUPN
Laser distance sensors

- High precision
- Fast distance measurement
- Measured values on display
- 2 analog and 3 digital outputs
- Timing/ and multifunction input
- Light design for mounting on moving parts
- Measured values on display





1) 5-digit LED DISPLAY / display: Red
2) LED alarm display (orange)
3) LED LASER EMISSION DISPLAY (green)
4) LED OUTPUT
5) ENTER key
6) UP/DOWN key

ANSCHLUSSSCHEMA siehe DOKUMENTE → **Beipackzettel** S. 2

CONNECTION DIAGRAM see DOCUMENTS → **Instruction leaflet** p. 2

SCHÉMA DE CONNEXION voir DOCUMENTS → **Notice d'utilisation** p. 2

Function

Technical data (typ.)	**+20°C, 24 V DC**
Service voltage	21.6 … 26.4 V DC
No-load current (max.)	100 mA
Insulation voltage endurance	250 V
Housing dimensions	60 x 57 x 20 mm
Housing length	57 mm
Housing height	60 mm
Housing width	20.4 mm
Housing material	Plastic
Material window / optics	Plastic
Weight	320 g
Protection class	III, operation on protective low voltage
Design	Cuboid design
Switching output	pnp/npn (3x), 50 mA, NO/NC, configurable
Voltage drop (max.)	2.8 V
Analog output	0 … 10 V, 4 … 20 mA
Light source	Laser
Laser class	CLASS 2 LASER PRODUCT, 2 (IEC 60825-1)
Color	Red

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Laser distance sensors

Technical data (typ.)	+20°C, 24 V DC
Wavelength	665 nm
Light spot size	0.75 x 1.25 mm
Measuring range	65 … 105 mm
Resolution	2.5 µm (Median value 1024)
Linearity error	± 0.04 mm (Median value 1024)
Sensitivity adjustment	Keypad
Display	LED (Output status) green - Status, yellow - Switching output, Red - Signal weak, orange - Signal weak
Measuring frequency	500 … 5000 Hz
Ambient temperature during operation	-10 … +45 °C
Temperature drift	0.08 %/K
Vibration/shock resistance	10 … 500 Hz / 1.5 mm / 10 G
Protection type	IP 67
Connection	Cable, 5.0 m, 10-pin (Shielded, flying leads)

More information / accessories	https://www.di-soric.com/206992

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