

## Technical data sheet

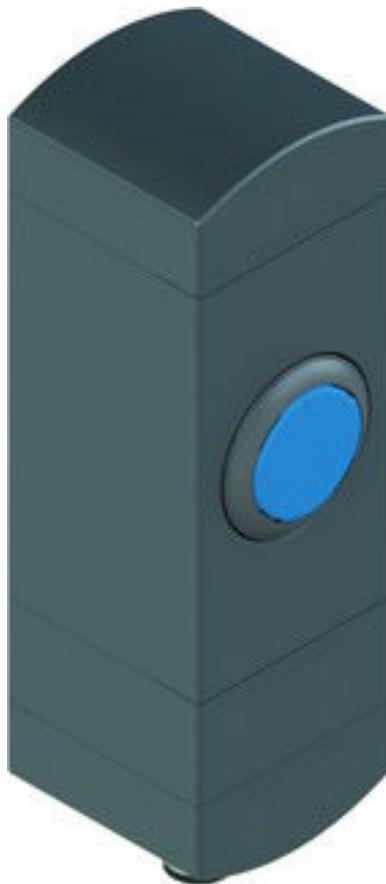
### Command device

Part no.: 50149355

CD-B1-Z-C01

#### Contents

- Technical data
- Dimensioned drawings
- Electrical connection
- Circuit diagrams
- Accessories



For illustration purposes only



## Technical data

### Basic data

Type	Display/command device (not safe)
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### Functions

Functions	Dimensions and design identical to L250 series locking devices Protected screw fitting
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### Electrical data

Contact allocation	1NO
Switching current via button	0 ... 550 mA
Current load, max.	1 A

### Performance data

Supply voltage $U_B$	24 V, DC, 10 %
Rated insulation voltage	1.5 kV AC/DC

### Connection

Number of connections	1 Piece(s)
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### Connection 1

Function	Contact connection
Type of connection	Connector
Thread size	M12
Type	Male
Material	Stainless steel
No. of pins	5 -pin

### Mechanical data

Dimension (W x H x L)	40 mm x 40 mm x 128 mm
Housing material	Plastic
Plastic housing	Glass fiber reinforced, self-extinguishing, shock-resistant
Net weight	245 g
Housing color	Gray
Type of fastening	Through-hole mounting Wall mounting
Type of cable entry	M12
Mechanical life time	1,000,000 actuation cycles, IEC 60947-5-1
Type of actuation	Button, blue
Sensor material	Plastic

### Operation and display

Type of display	Continuous light LED
Operational controls	1 command device (pushbutton blue)

### Environmental data

Ambient temperature, operation	-25 ... 70 °C
Ambient temperature, storage	-25 ... 70 °C

### Certifications

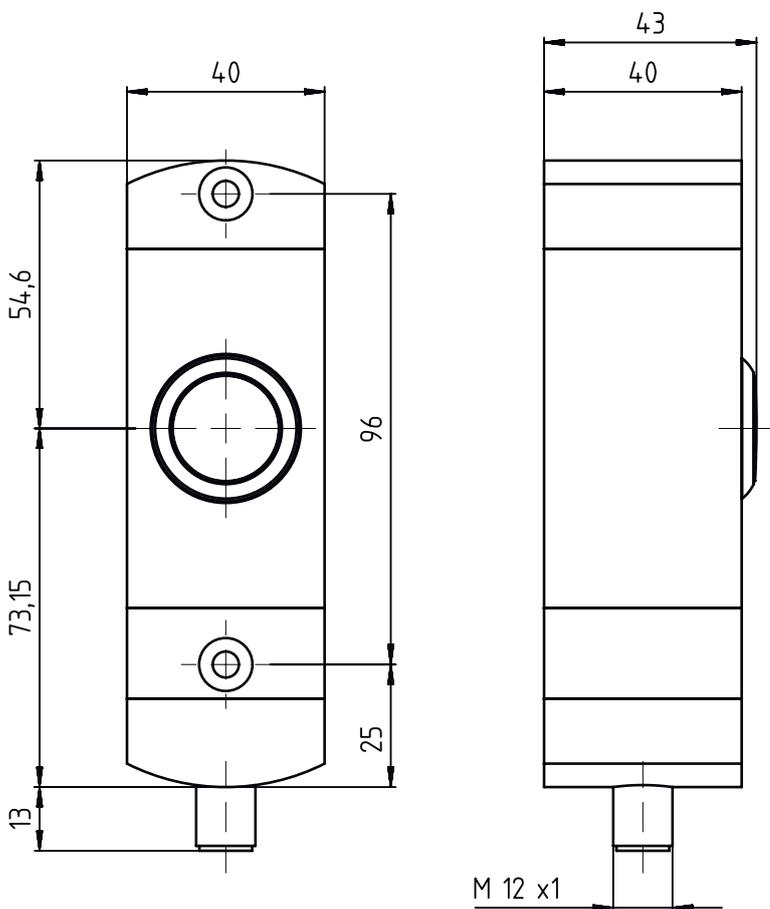
Degree of protection	IP 65
Protection class	III

### Classification

Customs tariff number	85369095
ECLASS 5.1.4	27279290
ECLASS 8.0	27279290
ECLASS 9.0	27279090
ECLASS 10.0	27371246
ECLASS 11.0	27371246
ECLASS 12.0	27371246
ECLASS 13.0	27371246
ECLASS 14.0	27371246
ECLASS 15.0	27371246
ECLASS 16.0	27371246
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015
ETIM 9.0	EC003015
ETIM 10.0	EC003015

# Dimensioned drawings

All dimensions in millimeters

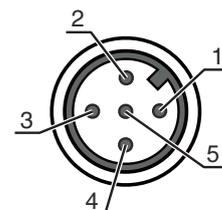


## Electrical connection

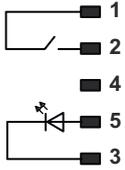
### Connection 1

Function	Contact connection
Type of connection	Connector
Thread size	M12
Type	Male
Material	Stainless steel
No. of pins	5 -pin
Encoding	A-coded

Pin	Pin assignment
1	NO(1)
2	NO(1)
3	LED
4	n.c.
5	LED



# Circuit diagrams



## Accessories

### Connection technology - Connection cables

	Part no.	Designation	Article	Description
	50132077	KD U-M12-5A-V1-020	Connection cable	Application: Chemical resistant Connection 1: Connector, M12, Axial, Female, A-coded, 5 -pin Connector, LED: No Connection 2: Open end Shielded: No Cable length: 2,000 mm Sheathing material: PVC
	50132079	KD U-M12-5A-V1-050	Connection cable	Application: Chemical resistant Connection 1: Connector, M12, Axial, Female, A-coded, 5 -pin Connector, LED: No Connection 2: Open end Shielded: No Cable length: 5,000 mm Sheathing material: PVC
	50132080	KD U-M12-5A-V1-100	Connection cable	Application: Chemical resistant Connection 1: Connector, M12, Axial, Female, A-coded, 5 -pin Connector, LED: No Connection 2: Open end Shielded: No Cable length: 10,000 mm Sheathing material: PVC

#### Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.