

Technical data sheet Acknowledgment unit

Part no.: 50141871

AC-ABF11

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- Technical data
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Figure can vary

Technical data

Basic data

Application	Display of reset requirement
	Resetting a safety function
	Universal application

Electrical data

Contact allocation	NO(1)
Switching current via button	1 ... 1,000 mA
Current load, max.	10 A

Performance data

Supply voltage U_B	12 ... 30 V, AC/DC
Current consumption, max.	5 ... 20 mA
Rated insulation voltage	500 V AC/DC

Connection

Number of connections	1 Piece(s)
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Connection 1

Type of connection	Connector
Thread size	M12
Material	Plastic
No. of pins	4 -pin

Mechanical data

Design	Cubic
Dimension (W x H x L)	72 mm x 56 mm x 80 mm
Plastic housing	Glass fiber reinforced (PPS), self-extinguishing
Net weight	250 g
Housing color	Black
	Gray
Clamping plate material	Stainless steel

Operation and display

Type of display	Continuous light
	LED
Operational controls	1 command device

Environmental data

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

Certifications

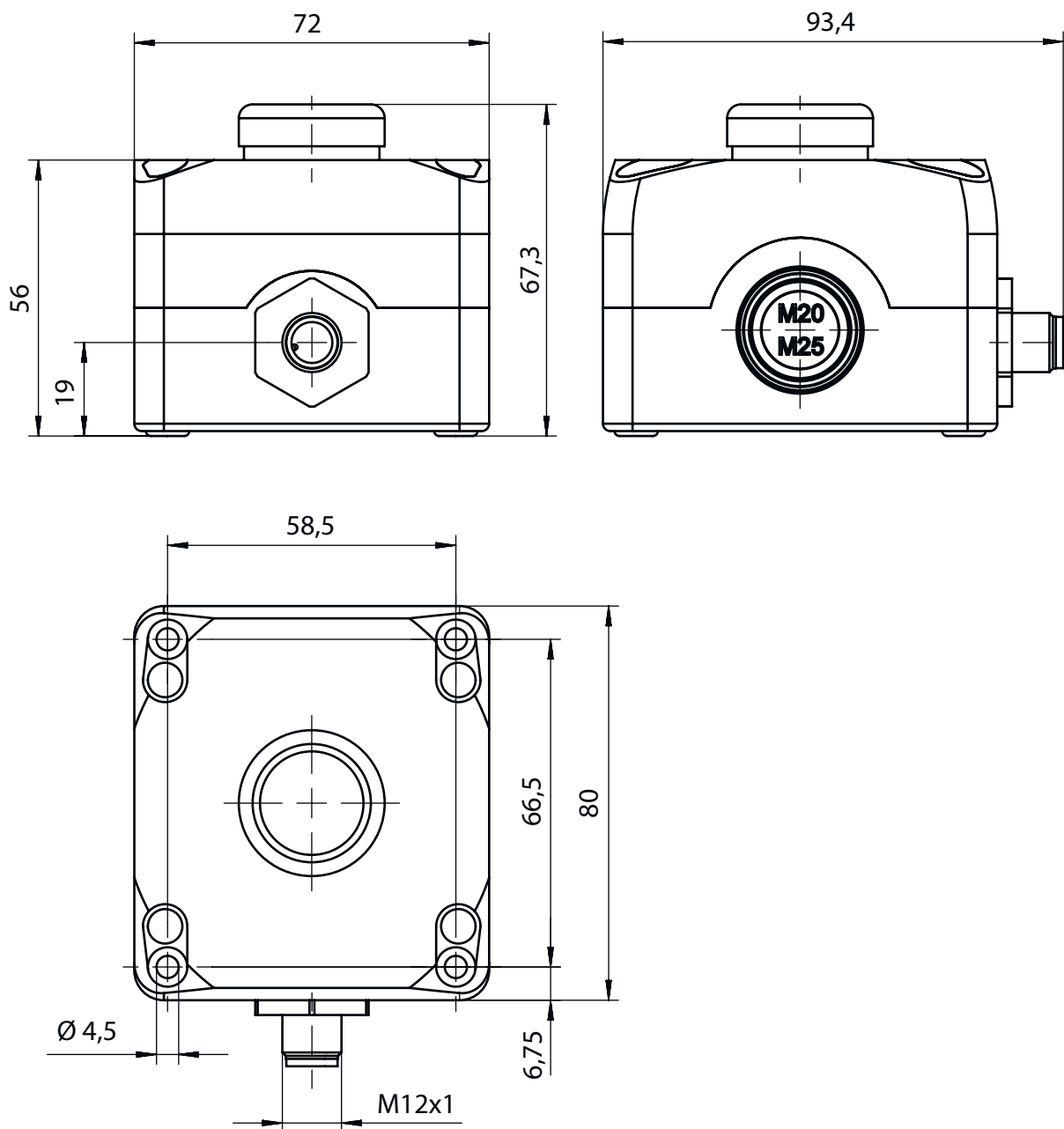
Degree of protection	IP 67
	IP 69K
Protection class	III

Classification

Customs tariff number	85369095
eCl@ss 5.1.4	27279290
eCl@ss 8.0	27279290
eCl@ss 9.0	27279090
eCl@ss 10.0	27371246
eCl@ss 11.0	27371246
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015

Dimensioned drawings

All dimensions in millimeters



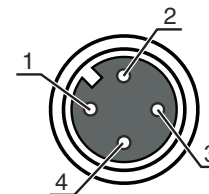
Electrical connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
Material	Plastic
No. of pins	4 -pin
Encoding	A-coded










Electrical connection

Pin	Pin assignment	Conductor color
1	NO(1)	Brown
2	LED	White
3	LED	Blue
4	NO(1)	Black



Accessories

Connection technology - Connection cables

	Part no.	Designation	Article	Description
  	50130648	KD U-M12-4A-V1-020	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin Connection 2: Open end Shielded: No Cable length: 2,000 mm Sheathing material: PVC
  	50130651	KD U-M12-4A-V1-030	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin Connection 2: Open end Shielded: No Cable length: 3,000 mm Sheathing material: PVC
  	50130652	KD U-M12-4A-V1-050	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 4 -pin Connection 2: Open end Shielded: No Cable length: 5,000 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.