

## Technical data sheet

### Distribution box

Part no.: 50130611

MD 7XXP-11-82IO4-12

#### Contents

- Technical data
- Dimensioned drawings
- Electrical connection
- Circuit diagrams
- Operation and display
- Accessories



Figure can vary



## Technical data

### Electrical data

Switching signal	PNP
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#### Performance data

Total current	1.5 A
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#### Input data logic

Nominal input voltage $U_N$	24 V DC
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### Connection

#### Master connection

Type of connection	Connector
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Function	Connection to the control
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Thread size	M12
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No. of pins	12 -pin
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Encoding	A-coded
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Type	Male
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#### Distribution box connections

Number of connections	8 Piece(s)
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Thread size	M12
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No. of pins	4 -pin
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Encoding	A-coded
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Type	Female
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Material	Plastic
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Material of O-ring seal	TPU
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Material of contacts	Gold-plated
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Operating current per contact	1.5 A
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### Mechanical data

Design	Cubic
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Dimension (W x H x L)	50 mm x 31 mm x 150 mm
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Housing material	Plastic
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Net weight	150 g
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Screw tightening torque	1 N·m
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### Operation and display

Type of display	LED
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### Environmental data

Ambient temperature, operation	-20 ... 60 °C, Depending on the connected cable
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### Certifications

Degree of protection	IP 65
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IP 67

Certifications	c UL US
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### Classification

Customs tariff number	85369010
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eCl@ss 5.1.4	27279201
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eCl@ss 8.0	27279219
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eCl@ss 9.0	27440108
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eCl@ss 10.0	27440108
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eCl@ss 11.0	27440108
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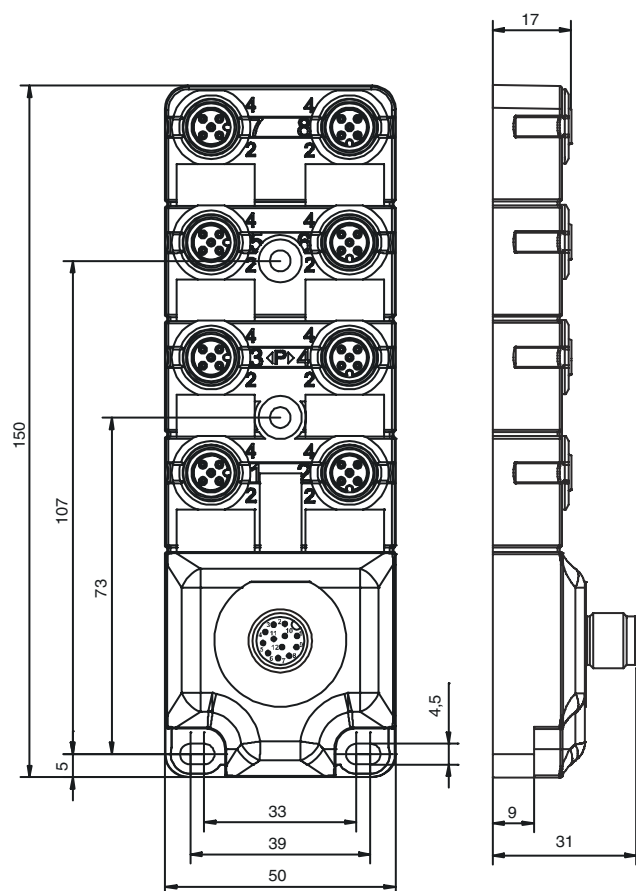
ETIM 5.0	EC002585
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ETIM 6.0	EC002585
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ETIM 7.0	EC002585
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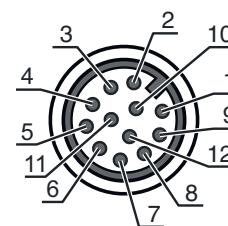
# Dimensioned drawings

All dimensions in millimeters



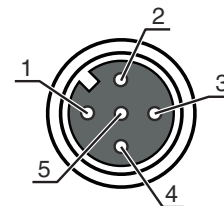
## Electrical connection

Pin	Pin assignment
1	Socket 1-8 / contact 1
2	Socket 1-8 / contact 3
3	Socket 1 / contact 4
4	Socket 2 / contact 4
5	Socket 5 / contact 4
6	Socket 3 / contact 4
7	Socket 7 / contact 4
8	Socket 4 / contact 4
9	Socket 6 / contact 4
10	Socket 8 / contact 4
11	Socket 1 / contact 2
12	Socket 2 / contact 2

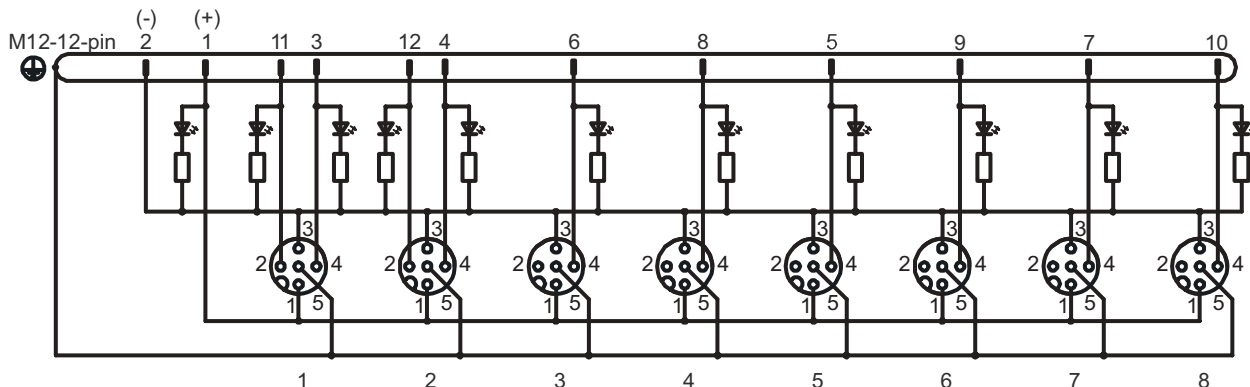


# Electrical connection

Pin	Pin assignment
1	+
2	n.c.
3	-
4	Signal 1 (NO)
5	PE



## Circuit diagrams



## Operation and display

LED	Display	Meaning
1	Green, continuous light	Operating voltage applied
2	Yellow, continuous light	Signal 1

## Accessories

### Connection technology - Connection cables

	Part no.	Designation	Article	Description
	50130282	KD S-M12-CA-P1-050	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 12 -pin Connection 2: Open end Shielded: Yes Cable length: 5,000 mm Sheathing material: PUR

## General

	Part no.	Designation	Article	Description
	50134480	CAP M12K-Set	Connection cap	Type: Cap for free sockets Thread size: M12 Material: Plastic

## Accessories

### Note



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