



Part no.: 50130592
MD 7XXP-11-48IO3-12
Distribution box



Figure can vary

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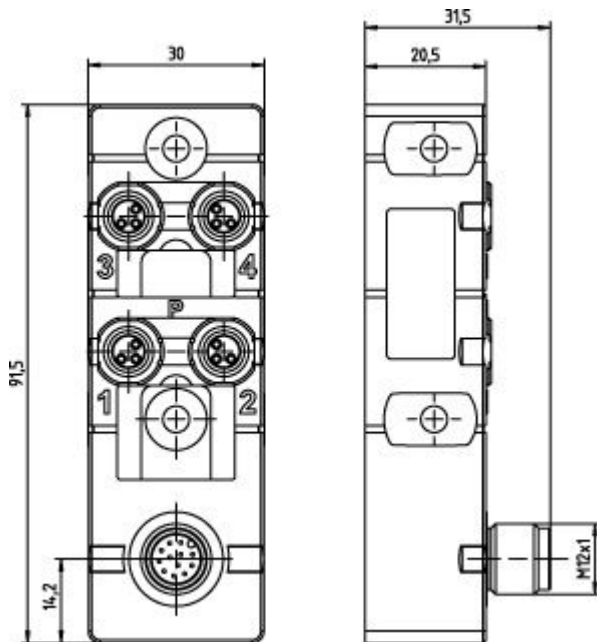
Part no.: 50130592 – MD 7XXP-11-48IO3-12 – Distribution box

Technical data

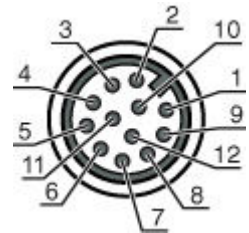
Electrical data	
Switching signal	PNP
Performance data	
Total current	1.5 A
Connection	
Master connection	
Type of connection	Connector
Function	Connection to the control
Thread size	M12
No. of pins	12 -pin
Encoding	A-coded
Type	Male
Distribution box connections	
Number of connections	4 Piece(s)
Thread size	M8
No. of pins	3 -pin
Encoding	A-coded
Type	Female
Material	Plastic
Material of O-ring seal	TPU
Material of contacts	Gold-plated
Operating current per contact	1.5 A
Mechanical data	
Design	Cubic
Dimension (W x H x L)	30 mm x 31.5 mm x 91.5 mm
Housing material	Plastic
Net weight	101 g
Operation and display	
Type of display	LED
Environmental data	
Ambient temperature, operation, flexible use	-20 ... 70 °C
Ambient temperature, operation, stationary use	-20 ... 70 °C
Certifications	
Degree of protection	IP 65 IP 67
Certifications	c UL US
Classification	
Customs tariff number	85369010
eCl@ss 8.0	27279219
eCl@ss 9.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585

Dimensioned drawings

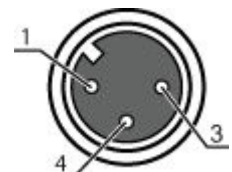
All dimensions in millimeters



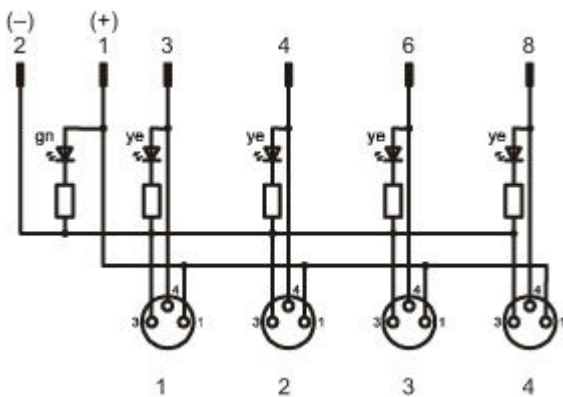
Pin	Pin assignment	Conductor color
1	Socket 1-4 / contact 1	Brown
2	Socket 1-4 / contact 3	Blue
3	Socket 1 / contact 4	White
4	Socket 2 / contact 4	Green
5	Socket 3 / contact 4	Yellow
6	Socket 4 / contact 4	Gray
7	n.c.	Pink
8	n.c.	Red
9	n.c.	Black
10	n.c.	Violet
11	n.c.	Gray Pink
12	n.c.	Blue Red



Pin	Pin assignment	Conductor color
1	+	Brown
3	-	Blue
4	S1	See table above



Circuit diagrams




Operation and display

LEDs


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

Connection technology - Connectors

	Part no.	Designation	Article	Description
	50132254	D M12A-12P	Connector	Connection: Connector with solder connection, M12, Axial, Female, A-coded, 12 -pin

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General

	Part no.	Designation	Article	Description
	50134479	CAP M8K-Set	Connection cap	Type: Cap for free sockets Thread size: M8 Material: Plastic