



**Part no.: 50130595**  
**MD 7XXP-11-48IO3-K050**  
**Distribution box**



Figure can vary

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## Technical data

<b>Electrical data</b>	
Switching signal	PNP
<b>Performance data</b>	
Total current	12 A
<b>Connection</b>	
<b>Master connection</b>	
Type of connection	Cable
Function	Connection to the control
Cable length	5,000 mm
<b>Cable properties</b>	
Number of conductors	6 Piece(s)
Wire cross section	4 x 0.34 mm <sup>2</sup> , 2 x 0.75 mm <sup>2</sup>
AWG	22
Sheathing color	Gray
Shielded	No
Silicone-free	No
Sheathing material	PUR / PVC
Wire insulation	PVC
Traverse rate	Max. 2m/s with horiz. traverse path of 5m and max. acceleration of 10m/s <sup>2</sup>
Suitability for drag chains	Yes
<b>Distribution box connections</b>	
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	2 A
<b>Mechanical data</b>	
Design	Cubic
Dimension (W x H x L)	30 mm x 35 mm x 96 mm
Housing material	Plastic
Net weight	502 g
Bending cycles	2,000,000 Piece(s)
<b>Operation and display</b>	
Type of display	LED
<b>Environmental data</b>	
Ambient temperature, operation, flexible use	-5 ... 80 °C
Ambient temperature, operation, stationary use	-30 ... 80 °C
<b>Certifications</b>	

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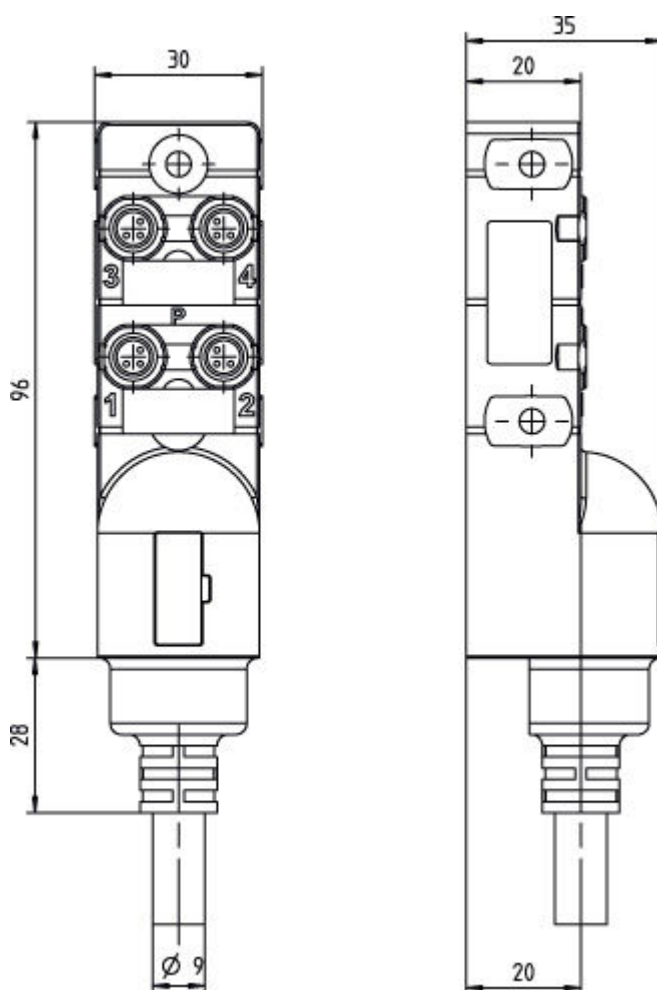
Degree of protection	IP 65, IP 67
Certifications	c UL US

#### Classification

eCl@ss 8.0	27279219
eCl@ss 9.0	27440108
ETIM 5.0	EC002585

## Dimensioned drawings

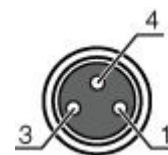
All dimensions in millimeters



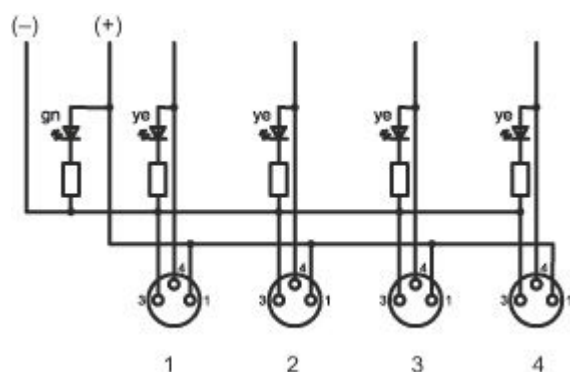
Pin	Pin assignment	Conductor color
1	Socket 1-4 / contact 1	Brown
2	Socket 1-4 / contact 3	Blue
3	Socket 1 / contact 4	White
4	Socket 2 / contact 4	Green
5	Socket 3 / contact 4	Yellow
6	Socket 4 / contact 4	Gray

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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
3	White, continuous light	Signal 2

## Accessories

### General

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