



Part no.: 50130596
MD 7XXP-11-48IO3-K100
Distribution box



Figure can vary

Contents

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

Part no.: 50130596 – MD 7XXP-11-48IO3-K100 – Distribution box

Technical data

Electrical data

Switching signal PNP

Performance data

Total current 10 A

Connection

Master connection

Type of connection Cable

Function Connection to the control

Cable length 10,000 mm

Cable properties

Number of conductors 6 Piece(s)

Wire cross section 2 x 0.75 mm²
4 x 0.34 mm²

AWG 22

Sheathing color Gray

Shielded No

Silicone-free No

Sheathing material PUR / PVC

Wire insulation PVC

Suitability for drag chains Yes

Traverse rate Max. 2m/s with horiz. traverse path of 5m and max. acceleration of 10m/s²

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 2 A

Mechanical data

Design Cubic

Dimension (W x H x L) 30 mm x 35 mm x 96 mm

Housing material Plastic

Net weight 887 g

Bending cycles 2,000,000 Piece(s)

Operation and display

Type of display LED

Environmental data

Ambient temperature, operation, flexible use -5 ... 80 °C

Ambient temperature, operation, stationary use -30 ... 80 °C

Certifications

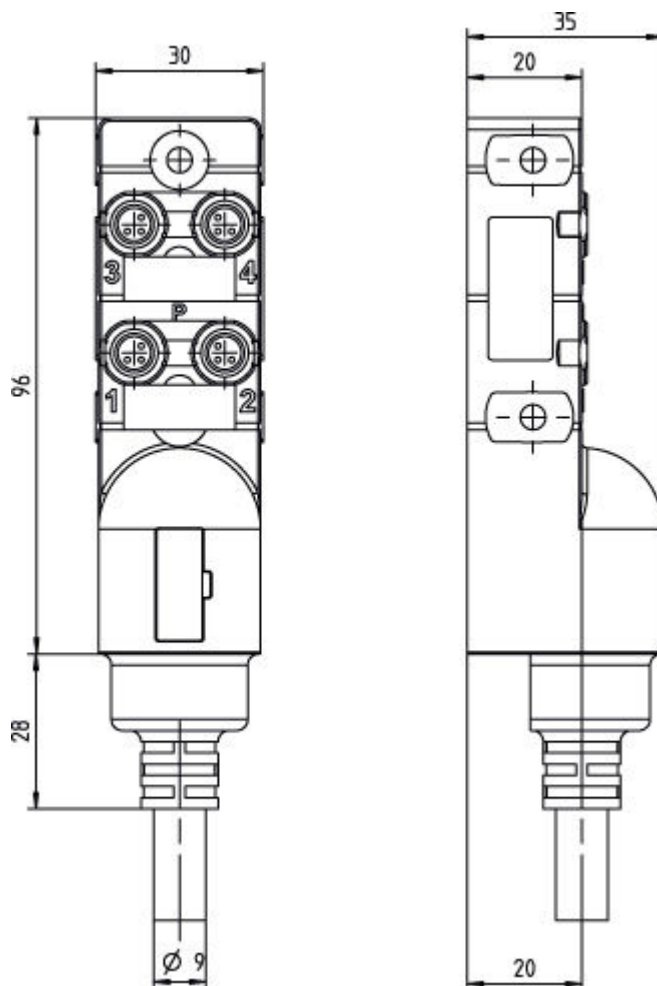
Degree of protection	IP 65 IP 67
Certifications	c UL US

Classification

Customs tariff number	85444290
eCl@ss 8.0	27279219
eCl@ss 9.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585

Dimensioned drawings

All dimensions in millimeters

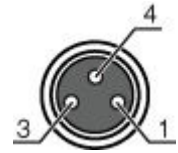


Pin	Pin assignment	Conductor color
1	Socket 1-4 / contact 1	Brown
2	Socket 1-4 / contact 3	Blue
3	Socket 1 / contact 4	White
4	Socket 2 / contact 4	Green

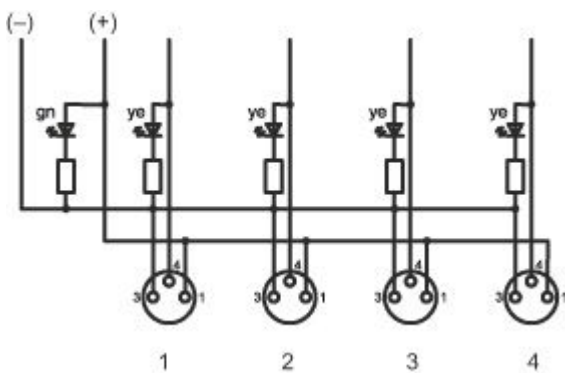
Part no.: 50130596 – MD 7XXP-11-48IO3-K100 – Distribution box

Pin	Pin assignment	Conductor color
5	Socket 3 / contact 4	Yellow
6	Socket 4 / contact 4	Gray

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

Connection technology - Interconnection cables

	Part no.	Designation	Article	Description
	50134904	KDS U-M8-4A-M8-3A-P1-000	Adapter	Connection 1: Connector, M8, Axial, Female, 4 -pin Connection 2: Connector, M8, Axial, Male, 3 -pin

Part no.: 50130596 – MD 7XXP-11-48IO3-K100 – Distribution box

General

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