



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



Figure can vary

Contents

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

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	5,000 mm
Cable properties	
Number of conductors	6 Piece(s)
Wire cross section	2 x 0.75 mm ² 4 x 0.34 mm ²
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 ²
Suitability for drag chains	Yes
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	502 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

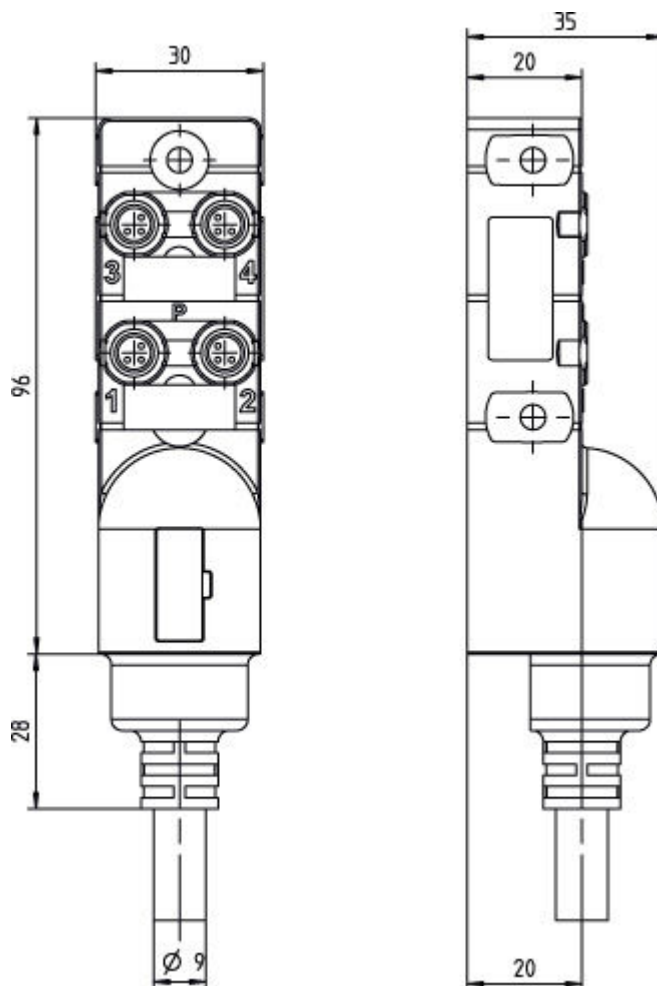
Degree of protection	IP 65 IP 67
Certifications	c UL US

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

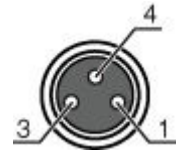
All dimensions in millimeters



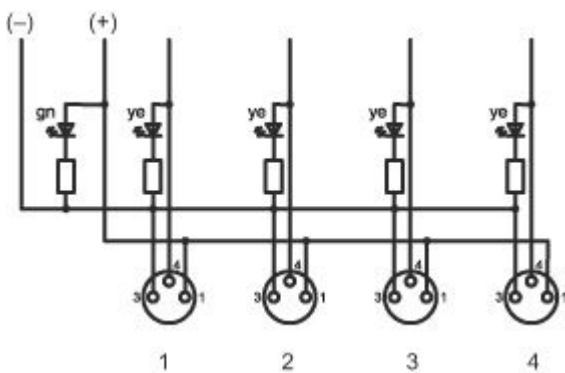
Pin	Pin assignment	Conductor color
1	Socket 1-4 / contact 1	Brown
2	Socket 1-4 / contact 3	Blue
3	Socket 1 / contact 4	White
4	Socket 2 / contact 4	Green

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.: 50130595 – MD 7XXP-11-48IO3-K050 – Distribution box

General

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