



Part no.: 50130605
MD 7XXP-11-82IO5-K100
Distribution box



Figure can vary

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- Technical data
- Dimensioned drawings
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Part no.: 50130605 – MD 7XXP-11-82IO5-K100 – Distribution box

Technical data

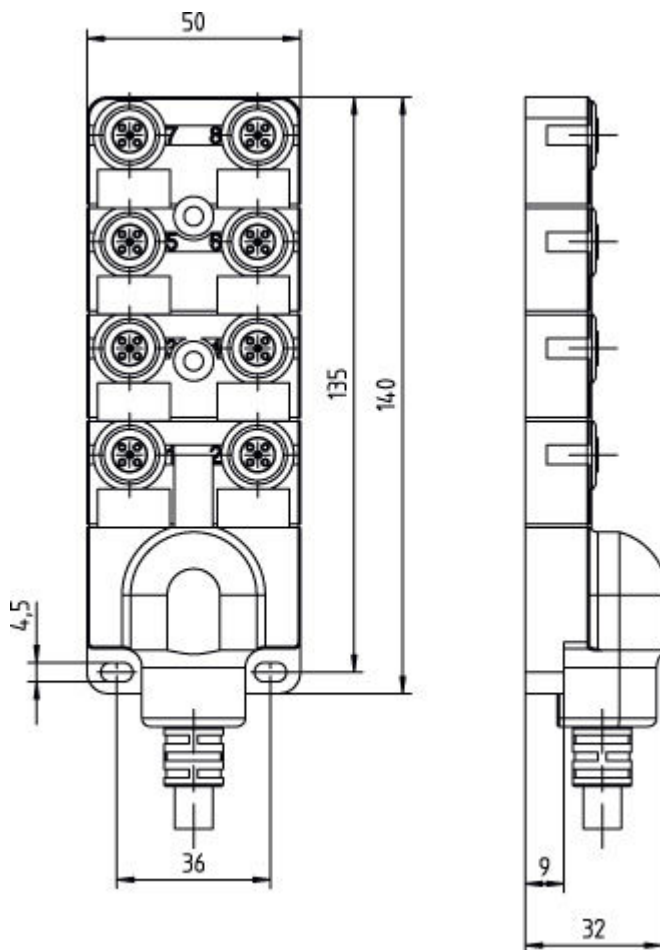
Electrical data	
Switching signal	PNP
Performance data	
Total current	12 A
Connection	
Master connection	
Type of connection	Cable
Function	Connection to the control
Cable length	10,000 mm
Cable properties	
Number of conductors	19 Piece(s)
Wire cross section	16 x 0.34 mm ² , 3 x 0.75 mm ²
AWG	22
Sheathing color	Gray
Shielded	No
Silicone-free	No
Sheathing material	PUR / PVC
Wire insulation	PVC
Suitability for drag chains	No
Distribution box connections	
Number of connections	8 Piece(s)
Thread size	M12
No. of pins	5 -pin
Encoding	A-coded
Type	Female
Material	Plastic
Material of O-ring seal	TPU
Material of contacts	Gold-plated
Operating current per contact	4 A
Mechanical data	
Design	Cubic
Dimension (W x H x L)	50 mm x 32 mm x 140 mm
Housing material	Plastic
Net weight	1,745 g
Bending cycles	2,000,000 Piece(s)
Operation and display	
Type of display	LED
Environmental data	
Ambient temperature, operation, flexible use	-30 ... 80 °C
Ambient temperature, operation, stationary use	-30 ... 80 °C
Certifications	
Degree of protection	IP 67, IP 65
Certifications	c UL US

Classification

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

Dimensioned drawings

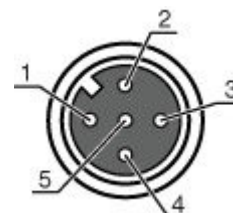
All dimensions in millimeters



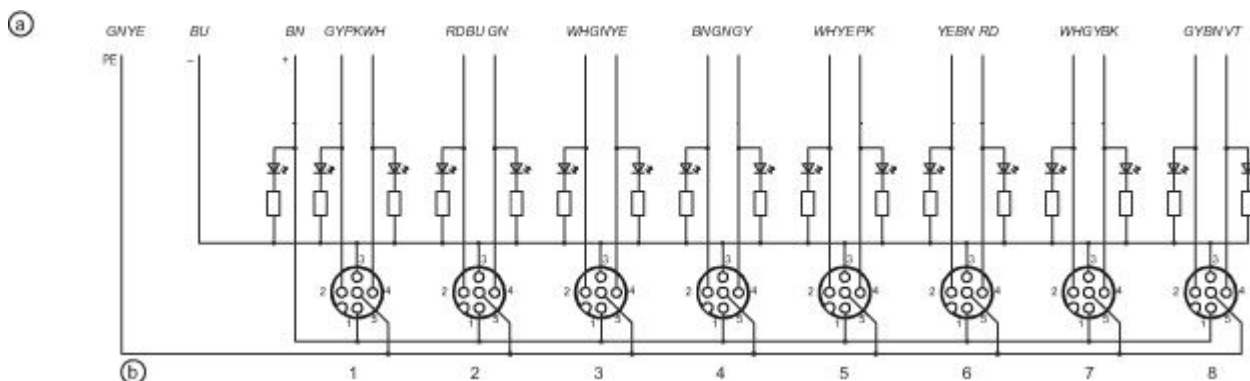
Pin	Pin assignment	Conductor color
1	+	Brown
2	-	Blue
3		Pink, Gray
4		White
5		Red, Blue
6		Green
7		Green, White
8		Yellow
9		Green, Brown
10		Green
11		White, Yellow
12		Pink

Pin	Pin assignment	Conductor color
13		Yellow, Brown
14		Red
15		Gray, White
16		Black
17		Brown, Gray
18		Violet
19	PE	Yellow, Green

Pin	Pin assignment
1	+
2	Signal 2 (NC)
3	-
4	Signal 1 (NO)
5	PE



Circuit diagrams



- a Cable
- b Socket

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

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Accessories

General

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