



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



Figure can vary

Contents

- Technical data
- Dimensioned drawings
- Circuit diagrams
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- 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	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	

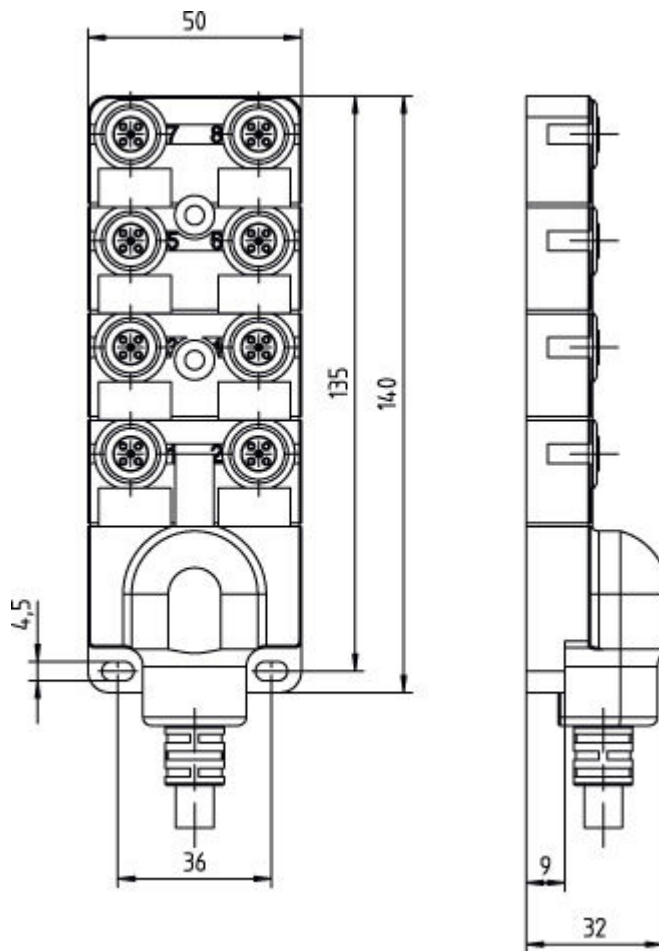
Degree of protection	IP 65 IP 67
Certifications	c UL US

Classification

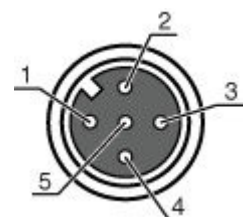
Customs tariff number	85444290
eCl@ss 8.0	27279219
eCl@ss 9.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585

Dimensioned drawings

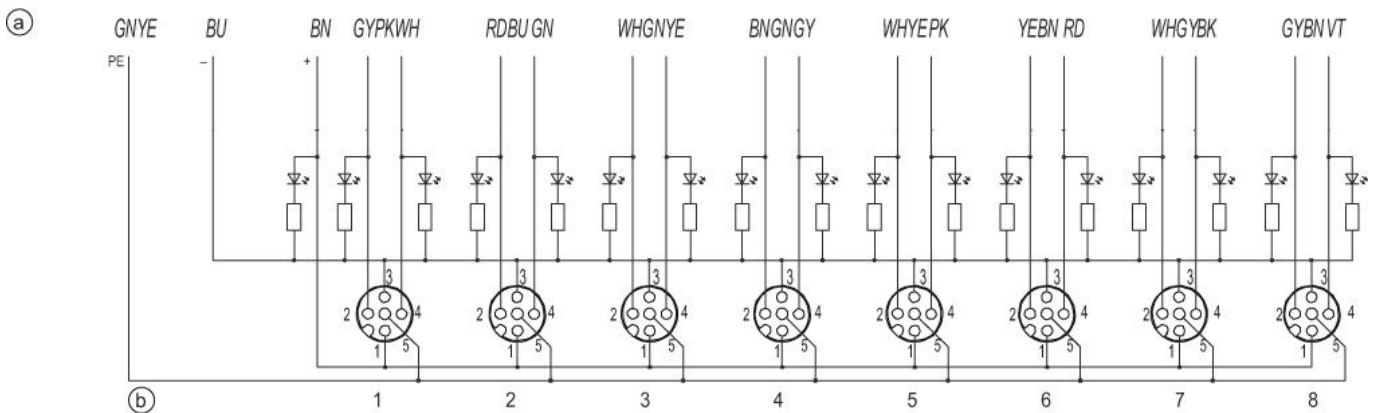
All dimensions in millimeters



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



Circuit diagrams



a Cable
 b Socket
 NOTE M12 socket, 4-pin: contact 2 not connected


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

General

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