

1) Power green, 2) LED yellow for Signal 1 (NO), 3) Slot numbering



## Basic features

Approval/Conformity	CE cULus EAC WEEE
Scope of delivery	Part labels (11x) Cover cap (5x)

## Display/Operation

Power indicator	Green LED
Switching function display	Yellow LED (8x)

## Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	15 x D
Cable	PUR black, 5 m, Drag chain compatible
Cable diameter D	6.80 mm ±0.2 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.34 mm <sup>2</sup> + 0.75 mm <sup>2</sup>
Connection slots	8x M8x1-Female, 3-pin
Number of conductors	10

## Electrical data

Isolation resistance	≥ 10 GOhm
Operating voltage U <sub>b</sub>	10...30 VDC
Output current max.	3 A
Rated operating voltage U <sub>e</sub> DC	24 V
Total current max.	8 A

## Environmental conditions

Cable temperature, fixed routing	-40...80 °C
Cable temperature, flexible routing	-20...80 °C
Protection degree	IP67 when threaded in

## Material

Cable jacket, material	PUR
Housing material	PBT, GF
Material contact carrier	PBT
Material contacts	Bronze (CuSn6), nickel layer

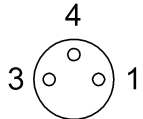
## Mechanical data

Acceleration max., drag chain	10 m/s <sup>2</sup>
Cable jacket, color	black
Cable length L	5.00 m
Cable properties	Drag chain compatible
Casting	yes
Dimension	135 x 30 x 23 mm
Horizontal travel permitted, drag chain	10 m at 10 m/s <sup>2</sup>
Mounting	M4 (2x)
Tightening torque	1.2 Nm ±0.2 (M4)
Tightening torque pigtail	0.4 Nm + 0.1 Nm (M8 connector)
Traverse speed max., drag chain	3 m/s

## Remarks

Cable construction acc. to UL-AWM Style 20549/10493  
Flame resistance per IEC 60332-1-2  
Flame resistance per UL 758/1581 FT2  
Oil resistant per DIN EN 60811-404 (VDE 0473-811-404)  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

## Connector Drawings



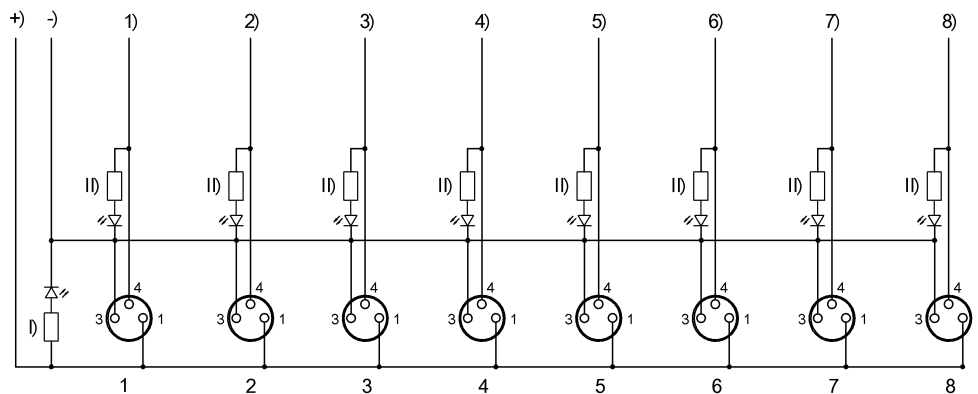
I/O ports

PIN 1: +24V

PIN 3: 0V

PIN 4: Normally open

## Wiring Diagrams



- ) blue 0.75 mm<sup>2</sup>
- +) brown 0.75 mm<sup>2</sup>
- 1) white
- 2) green
- 3) yellow
- 4) gray
- 5) pink
- 6) red
- 7) black
- 8) violet
- I) LED green
- II) LED yellow