Description

- Sensor/actuator box
- Connection methods: rapid interlock with LED master cable, markers and single-assigned slots
- slots: 8, cable length: 5 m

Number of slots:	8
Nominal voltage U_N:	24 V DC
Max. current carrying capacity per path:	2 A
Total current:	±12 A
Connection type:	Individual wires
Current carrying capacity per slot:	4 A
Number of poles:	4
Degree of protection:	IP65/IP67/IP69K
Status display:	LEDs
Inflammability class acc. to UL 94:	V0
Contact surface material:	Gold-plated
Material, O-ring:	NBR
Material of the moulding mass:	PUR
Material of threaded sleeve:	Zinc die-cast
Material of threaded sleeve surface:	Nickel-plated
Tightening torque slot sensor/actuator cable:	0.4 Nm
Tightening torque screw plug:	0.4 Nm

Conductor data

Cable types:	Master cable suitable for flexible cable conduit
Outer diameter:	8.5 mm
Conductor structure, voltage supply:	42x0.15 mm
Conductor structure, signal line:	19x0.15 mm
AWG power supply:	19
AWG signal line:	22
Power supply cross section:	3x0.75 mm²
Signal line cross section:	8x0.34 mm²
Max. bending cycles:	1500000
Traversing path:	2 m
Traversing rate:	2 m/s
Slot/position = Wire color or connection:	1 / 4 (A) = WH

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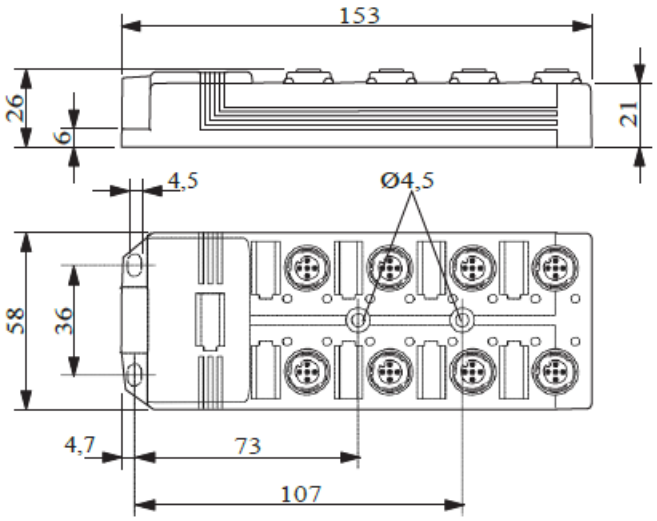
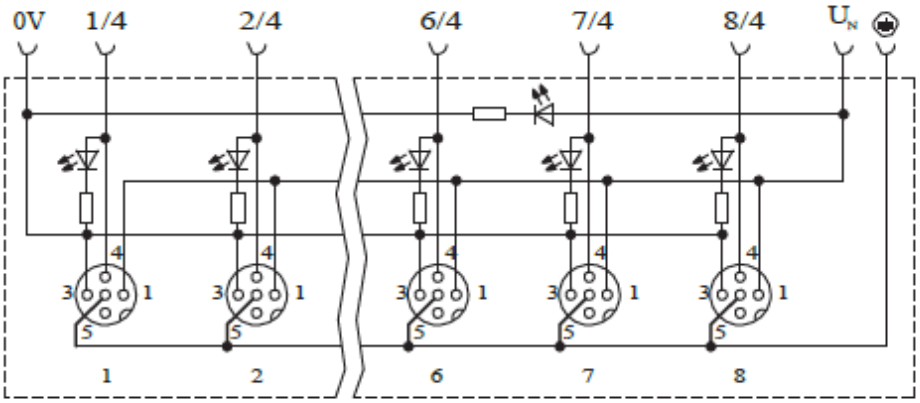
Technical drawing



Circuit diagram



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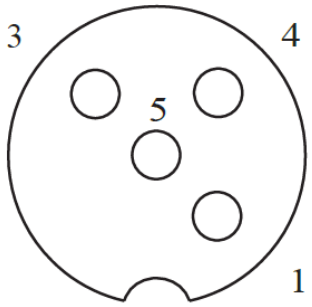
Schema drawings



Pin assignment

Slot/ position = Wire color or connection

1 / 4 (A) = WH
2 / 4 (A) = GN
3 / 4 (A) = YE
4 / 4 (A) = GY
5 / 4 (A) = PK
6 / 4 (A) = RD
7 / 4 (A) = BK
8 / 4 (A) = VT
1-8 / 1 (+ 24 V) = BN
1-8 / 3 (0 V) = BU
1-8 / 5 (PE) = GN/YE

Application range

Automation, industrial machinery and plant engineering

Note

Photographs are not true to scale and do not represent detailed images of the respective products.

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