

Basic features

Approval/Conformity	FDA compliant
	CE
	EAC
	Ecolab
	WEEE

Electrical data

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Operating voltage U_b	30 VDC / 30 VAC
Rated current (40 °C)	2.0 A

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	TPE-V gray, 2 m
Cable diameter D	6.0 mm ±0.2 mm
Conductor cross-section	0.25 mm ²
Connection 1	M12x1-Female, straight, 8-pin, A-coded
Connection 2	M12x1-Male, straight, 8-pin, A-coded
Number of conductors	8
System	Molded/Molded

Environmental conditions

Cable temperature, fixed routing	-50...105 °C
Cable temperature, flexible routing	-25...105 °C
IP rating	IP67, IP69K/IP67, IP69K

Material

Cable jacket, material	TPE-V
Material contact carrier	PP/PP
Material contacts	Bronze/Brass
Material cover nut	Stainless steel (1.4404)/Stainless steel (1.4404)
Material grip	PP/PP

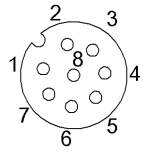
Mechanical data

Cable jacket, color	gray
Cable length L	2.00 m
Tightening torque pigtail	0.6 Nm/0.6 Nm

Remarks

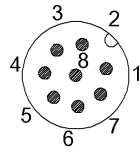
Halogen-free per DIN VDE 0472 Part 815
 Halogen-free acc. to IEC 60754-1
 LABS-free
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



I

- PIN 1: brown
- PIN 2: white
- PIN 3: blue
- PIN 4: black
- PIN 5: gray
- PIN 6: pink
- PIN 7: purple
- PIN 8: orange



II

- PIN 1: brown
- PIN 2: white
- PIN 3: blue
- PIN 4: black
- PIN 5: gray
- PIN 6: pink
- PIN 7: purple
- PIN 8: orange

Wiring Diagrams

