

Basic features

Approval/Conformity	FDA compliant
	CE
	EAC
	Ecolab
	WEEE

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	5.1 mm ±0.2 mm
Conductor cross-section	0.34 mm ²
Connection	M12x1-Female, Straight, 5-pin, A-coded
Connector configuration	Straight
Number of conductors	5
Number of pins	5
System	Molded

Electrical data

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Operating voltage U _b	60 VDC / 60 VAC
Rated current (40 °C)	4.0 A

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.

Environmental conditions

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

Material

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

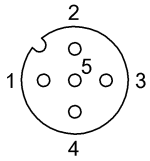
Mechanical data

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

Output/Interface

Switching output	Complementary
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Connector Drawings



PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

PIN 5: gray

Wiring Diagrams

