

Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	15 x D
Cable	PUR Shielded black, 35.00 m
Cable diameter D	5.00 mm ±0.20 mm
Cable, bending cycles min.	100 000
Conductor cross-section	0.08 mm ²
Connector 01, version	straight
Number of conductors	12
Number of pins	12
System	Molded

Electrical data

Conductor construction	6x2 twisted-pair
Operating voltage U _b	30 VDC / 30 VAC
Rated current (40 °C)	0.5 A

Environmental conditions

Cable temperature, fixed routing	-40...85 °C
Cable temperature, flexible routing	-25...85 °C
IP rating per IEC 60529	IP68

General data

Base type deviation	Molding around head neutral, color black
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Material

Cable jacket, material	PUR
Cable shield	Copper braid, tin-plated
Jacket material, note	Shielded
Material contact carrier	PUR
Material contacts	Bronze
Material cover nut	Brass
Material grip	PUR

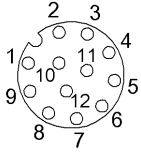
Mechanical data

Cable jacket, color	black
Cable length	35.00 m
Tightening torque pigtail	0.6 Nm

Remarks

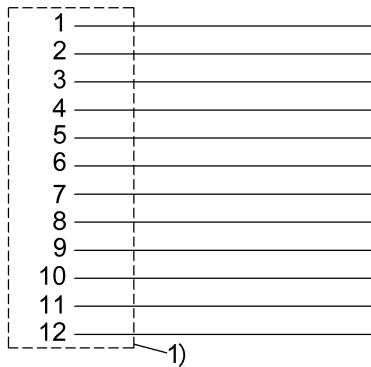
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
 Halogen-free
 Silicone-free
 Flame-retarding

Connector view



PIN 1: white, Pair 3 PIN10: violet, Pair 5 PIN11:
 gray/pink, Pair 6 PIN12: red/blue, Pair 6 PIN 2:
 brown, Pair 3 PIN 3: green, Pair 4 PIN 4: yellow,
 pair 4 PIN 5: gray, Pair 2 PIN 6: pink, Pair 2 PIN 7:
 blue, Pair 1 PIN 8: red, Pair 1 PIN 9: black, Pair 5

Wiring Diagram



1) Shield on cover nut