

## Basic features

Application	DeviceNet Thin
Approval/Conformity	CE cULus WEEE

## Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Shielded violet, 1.5 m, drag chain compatible
Cable diameter D	7.20 mm ±0.30 mm
Cable, bending cycles min.	1 mil.
Conductor cross-section	22 AWG/24 AWG
Connection	M12x1-Female, straight, 5-pin, A-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	5
System	Molded

## Electrical data

Conductor construction	2x2 twisted-pair
Operating voltage Ub	60 VDC / 60 VAC
Rated current (40 °C)	4.0 A
Surge impedance	120 Ohm ±12 Ohm

## Remarks

Cable construction acc. to UL-AWM Style 20236  
 Flame resistance acc. to IEC 60332-1 and VW1 UL1581  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

## Environmental conditions

Cable temperature, fixed routing	-40...80 °C
Cable temperature, flexible routing	-20...80 °C
IP rating	IP67, IP68, IP69K

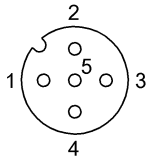
## Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Cable shield	Aluminum foil and copper braid
Material contact carrier	PUR
Material contacts	Bronze
Material cover nut	Die-cast zinc
Material grip	PUR

## Mechanical data

Acceleration max., drag chain	5 m/s <sup>2</sup>
Cable jacket, color	violet
Cable length L	1.50 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm
Traverse speed max., drag chain	200 m/min

## Connector Drawings



PIN 1: shield

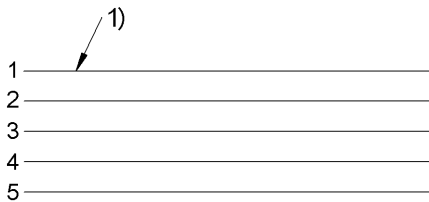
PIN 2: red (AWG22)

PIN 3: black (AWG22)

PIN 4: white (AWG24)

PIN 5 blue (AWG24)

## Wiring Diagrams



1) Shield on PIN 1