

1) from cable drum

### Basic features

Application	Profibus
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### Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Shielded violet, 100 m, drag chain compatible
Cable diameter D	7.80 mm ±0.20 mm
Cable, bending cycles min.	5 mil.
Conductor cross-section	24 AWG
Number of conductors	2

### Electrical data

Isolation resistance	≥ 1 GOhm x km
Surge impedance	150 Ohm ±15 Ohm

### Environmental conditions

Cable temperature, drag chain	-20...50 °C
Cable temperature, fixed routing	-40...70 °C
Cable temperature, flexible routing	-20...60 °C

### Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Cable shield	Aluminum foil and copper braid

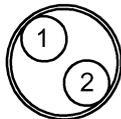
### Mechanical data

Acceleration max., drag chain	10 m/s <sup>2</sup>
Cable jacket, color	violet
Cable length L	100.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Traverse speed max., drag chain	330 m/min

### Remarks

Cable construction acc. to UL-AWM Style 20236  
 Halogen-free  
 Silicone-free  
 Flame resistance acc. to FT1

## Connector Drawings



Conductor diagram

Conductor 1: green

Conductor 2: red