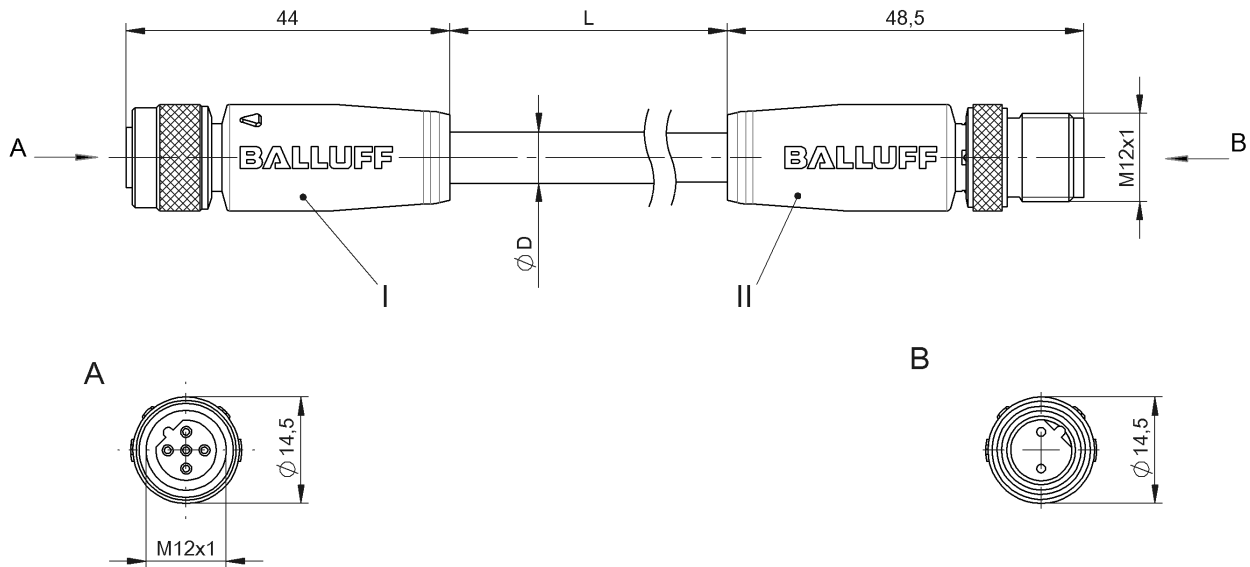


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Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Shielded violet, 50.00 m, Drag chain compatible
Cable diameter D	7.80 mm ±0.20 mm
Cable, bending cycles min.	5 million
Conductor cross-section	0.34 mm ²
Number of conductors	2
Number of pins	5/2
System	Molded/Molded

Electrical data

Conductor resistance	≤ 82.0 Ohm/km
Horizontal travel permitted, drag chain	5 m
Isolation resistance	≥ 1 GOhm x km
Operating capacitance	nom. 30pF/m at 800Hz
Rated current (40 °C)	4.0 A
Surge impedance	150 Ohm ±15 Ohm

Environmental conditions

Cable temperatur, drag chain	-20...50 °C
Cable temperature, fixed routing	-20...70 °C
Cable temperature, flexible routing	-20...50 °C
Protection type IEC 60529	IP68 /IP68

General data

Application	Profibus
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Material

Cable shield	Copper braid, tin-plated
Material contact carrier	PUR/PUR
Material contacts	Bronze/Brass
Material cover nut	Nickel-plated brass/Nickel-plated brass
Material grip	PUR/PUR

Mechanical data

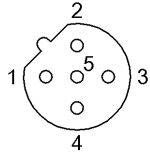
Acceleration max., drag chain	10 m/s ²
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	330 m/min

Remarks

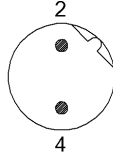
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
Halogen-free
Silicone-free
Flame resistance acc. to FT1

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Connector view

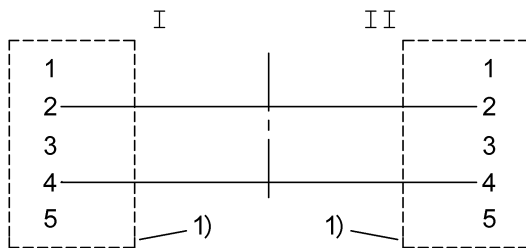


I PIN 1: n.c. PIN 2: green PIN 3: n.c. PIN 4:
red PIN 5: n.c.



II PIN 2: green PIN 4: red

Wiring Diagram



1) Shield on knurl