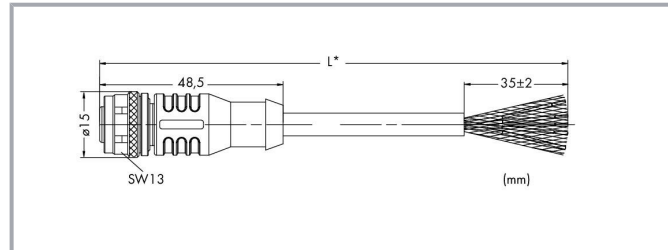
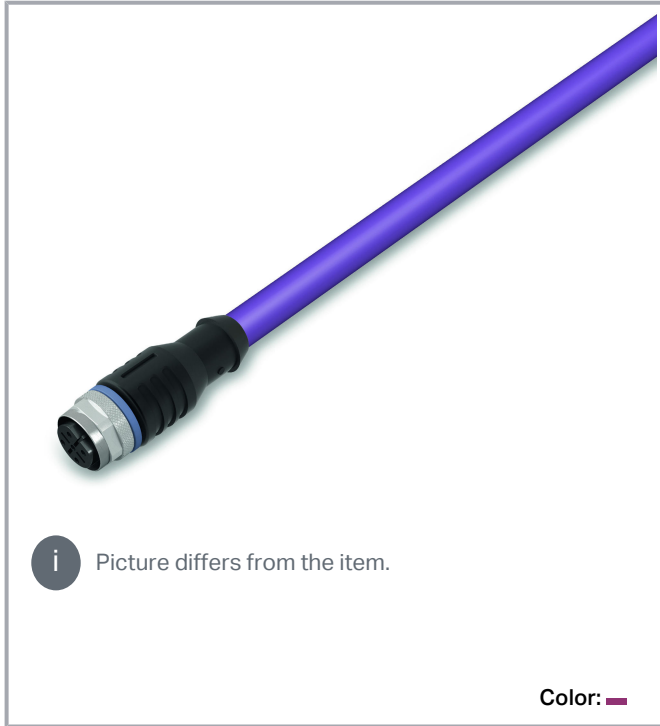


Data sheet | Item number: 756-1101/060-020

PROFIBUS cable; M12B socket; straight; 5-pole; Length: 2 m

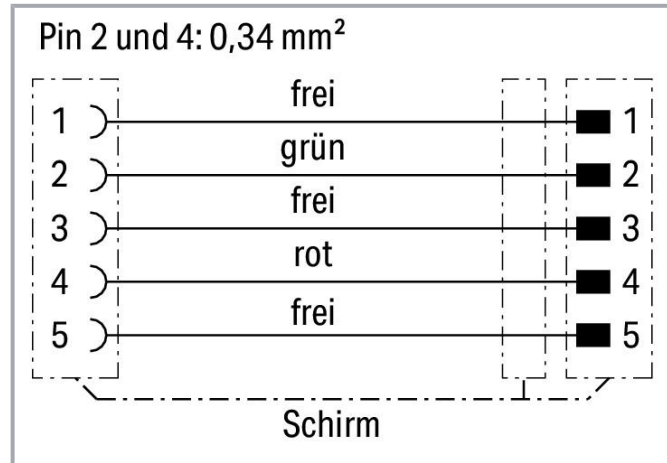
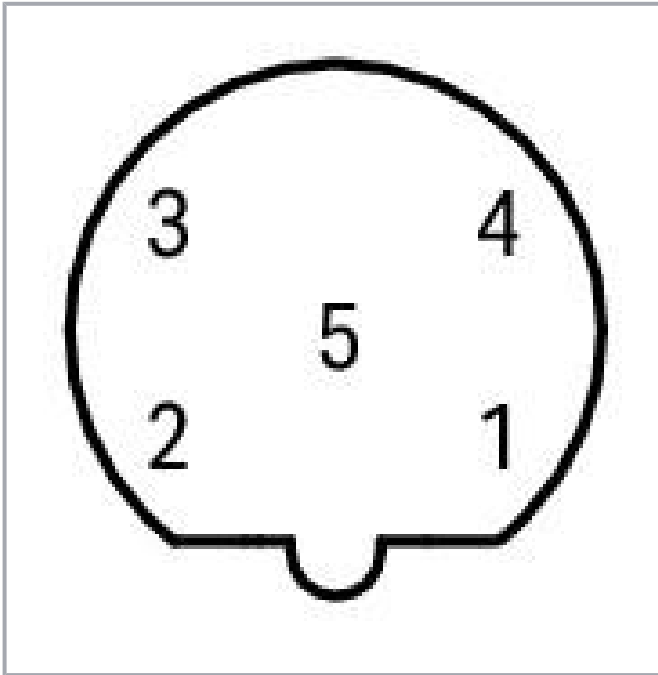
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Subject to changes. Please also observe the further product documentation!

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Item description

Short description:

- PUR, halogen-free
- Suitable for drag chains
- Silicon- and PVC-free
- High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- High chemical resistance

Data

Technical data

Connection type	M12 socket - free end
Pole No.	5
Cable connection direction to mating direction	0°
Connector interface coding (cable/adapter) 1 1	B-coded
Cable length	2 m
Communication/fieldbus	PROFIBUS
Operating voltage	≤ 300 V
Operating current	4 A
Rated surge voltage	2 kV

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Insulation resistance	> 2500 M Ω /km
Conductor resistance	max. 55 Ω /km; Loop resistance: max. 110 Ω /km

Mechanical data

Bending radius	> 10 x cable \emptyset (flexible use); > 5 x cable \emptyset in drag chain (fixed installation)
Bending cycles	1 Mio.
Drag chain suitability	yes
Sheathed cable diameter	7.3 ... 7.9 mm
Type code	LI02YS-(ST)CB11Y 1X(2X0.34SQMM)
Shield	Shielding braid, (approx. 5.90 mm \emptyset), tinned CU-ETP1, coverage 85 % \pm 5 %
Conductor design	Bare copper wire (19 x 0.15 mm)
Conductor insulation	PE (halogen-free); Filler: PP yarn
Housing material	TPU/TPU, black (~ RAL 9005)
Tightening torque	1 Nm
Weight	164 g
Color	violet

Environmental requirements

Surrounding air (operating) temperature (dynamic)	-25 ... +60 $^{\circ}$ C
Surrounding air (operating) temperature (static)	-50 ... +60 $^{\circ}$ C
Protection type	IP67
Pollution degree (5)	3/2 per IEC 60664-1

Commercial data

PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4045454521509
Customs tariff number	85444290900

Downloads

Documentation

System Description

I/O-SYSTEM – SPEEDWAY, General Product Information

pdf

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Environmental Product Compliance

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PROFIBUS cable; M12B socket; straight; 5-pole; Length: 2 m

Installation Notes

Subject to changes. Please also observe the further product documentation!