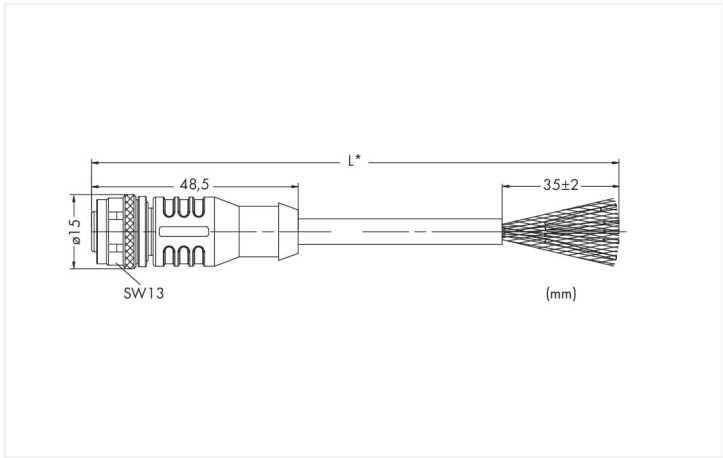
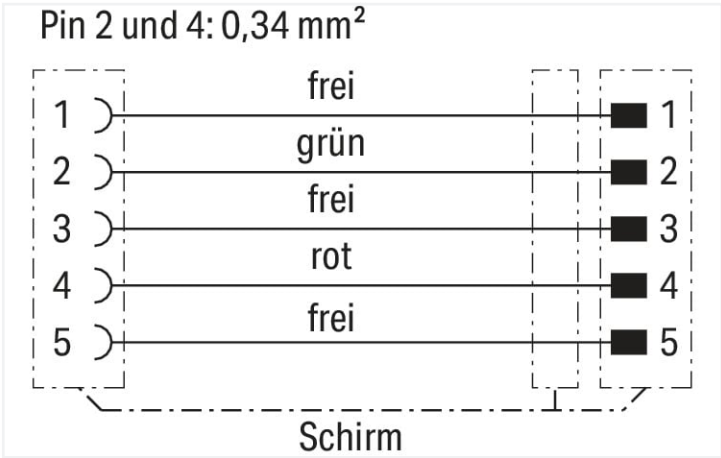
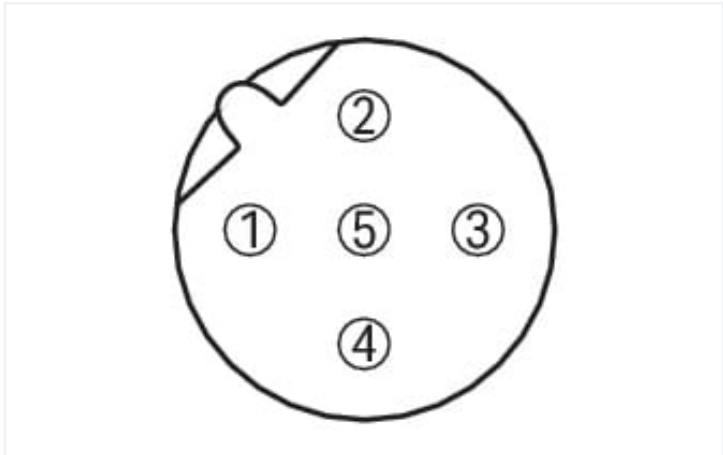




Color: ■ violet



Dimensions in mm

- 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

Technical data	
Connection type	M12 Socket - free end
Pole number	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
Insulation resistance	> 2500 MΩ/km
Conductor resistance	55 Ω/km (max.); Loop resistance: 110 Ω/km (max.)



Mechanical data		
Bending radius		> 10 x cable Ø (flexible use); > 5 x cable Ø in drag chain (fixed installation)
Bending cycles		1 million
Drag chain capability		Yes
Sheathed cable diameter		7.3 ... 7.9 mm
Type code		LI02YS-(ST)CB11Y 1X(2X0.34SQMM)
Shield		Shielding braid, (approx. 5.90 mm Ø), tinned CU-ETP1, coverage 85 % ± 5 %
Conductor configuration		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		
Ambient (operating) temperature (dynamic)		-25 ... +60 °C
Ambient (operating) temperature (static)		-50 ... +80 °C
Protection type		IP67
Pollution degree		3/2 per IEC 60664-1
Fire load		0 MJ

Commercial data		
eCl@ss 10.0		27-06-18-01
eCl@ss 9.0		27-06-18-01
ETIM 8.0		EC002599
ETIM 7.0		EC003249
PU (SPU)		1 pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454521509
Customs tariff number		85444290900

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-1101/060-020

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Documentation

System Description		
I/O-SYSTEM – SPEED-WAY, General Product Information	pdf 1035.20 KB	

CAD/CAE-Data

CAE data		
WSCAD Universe 756-1101/060-020		