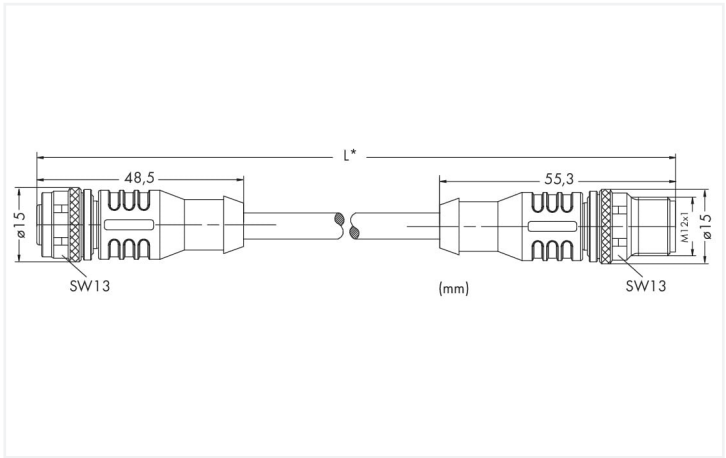
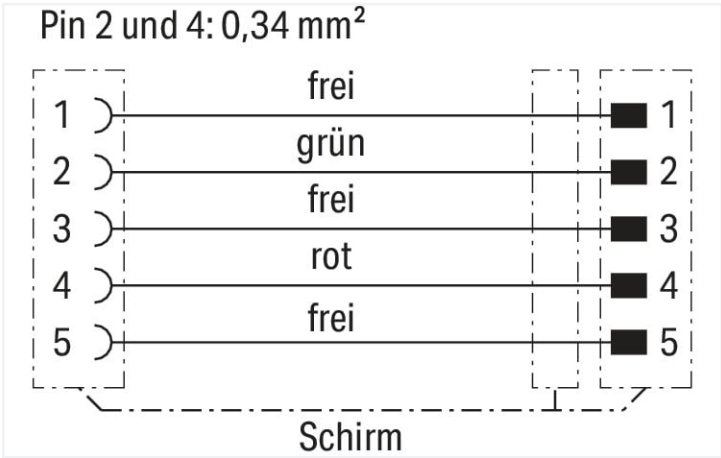
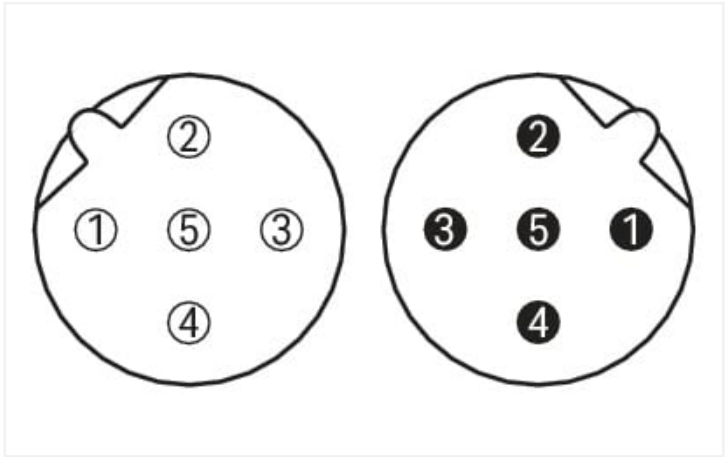




Color: ■ violet



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 - M12 plug
Pole number	5
Cable connection direction to mating direction	0°
Cable connection direction to mating direction (2)	0°
Connector interface coding (cable/adapter) 1 1	B-coded
Connector interface coding (cable/adapter) 2 1	B-coded
Cable length	5 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	350 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	4045454521684
Customs tariff number	85444290900

Environmental Product Compliance	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	f9a67b87-d897-4abd-8949-ceb7a4f4d3ca
SCIP notification number (Belgium)	0a428710-372a-41e9-8e2a-b9fb20fe32b6
SCIP notification number (Bulgaria)	7a0fd1ae-3121-4795-ae8-9cb8a6fb1201
SCIP notification number (Czech Republic)	4188b695-c6ef-466e-8f8f-7fad632cdc9c
SCIP notification number (Denmark)	975e45da-dca0-4cc8-a55b-302514a94e61
SCIP notification number (Finland)	f7d1618b-d8bc-4679-8861-d2b994296e1d
SCIP notification number (France)	ebb111f8-47b9-47f9-99b3-d2236e2c5c04
SCIP notification number (Germany)	9f07ba4a-10fa-4953-9ce8-ad1cb13d4a4a
SCIP notification number (Hungary)	5e49147e-a4a5-46d1-b82a-4cc5878bee47
SCIP notification number (Italy)	829ac706-bcdd-44b2-8009-d1de91242c18
SCIP notification number (Netherlands)	0813544d-4f60-44f5-90a4-b4b182a9b095
SCIP notification number (Poland)	4e6718ca-4751-41b3-bb6c-44a85c5f798a
SCIP notification number (Romania)	f58585d9-9a74-43a1-9103-cf7086efcb58
SCIP notification number (Sweden)	50ee0525-bc2a-44ab-9839-b9939d9d0be6



Downloads

Environmental Product Compliance

Compliance Search		
Environmental Product Compliance		↓
756-1105/060-050		

Documentation

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

CAD/CAE-Data

CAE data		
WSCAD Universe		↓
756-1105/060-050		