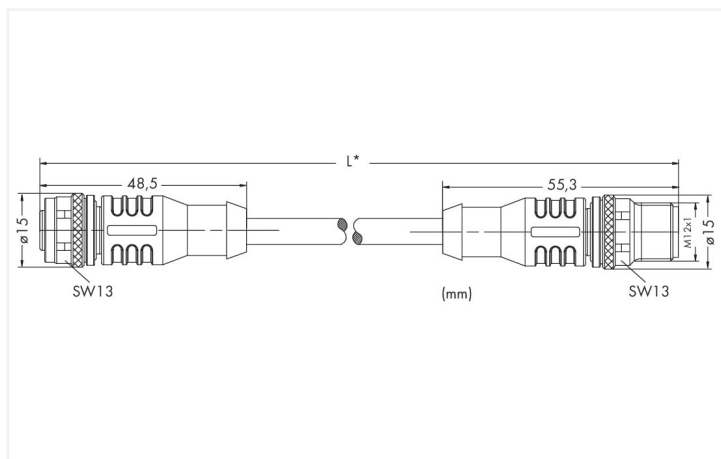
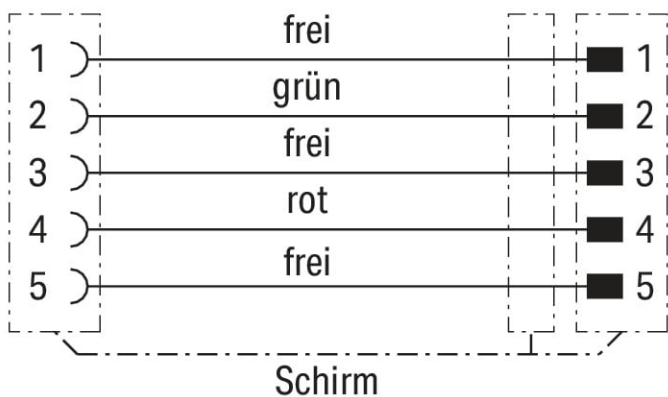


Color: ■ violet

Pin 2 und 4: 0,34 mm<sup>2</sup>



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	20 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	1400 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	4045454521707
Customs tariff number	85444290900
End of Sale	2024-05-01
End of Production	2024-05-15
End of Delivery	2024-06-01
End of Service and Repair	2025-06-01

### 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)	036f1603-814e-4507-9dcb-59be469ddea7
SCIP notification number (Belgium)	1d49a9c1-2c7a-4aaa-b3a1-4460e449b4b3
SCIP notification number (Bulgaria)	3674b8bc-e166-48ad-9281-9ca0dfa6a94f
SCIP notification number (Czech Republic)	6c922580-7d50-4d12-8a4f-e58fd3f7cc69
SCIP notification number (Denmark)	27dbaca6-7b29-4305-97bd-059ee40d02ce
SCIP notification number (Finland)	edb5da16-4af0-4220-bd54-9e040551a747
SCIP notification number (France)	34f19474-1d44-4e9a-a5b0-00c64d2bad94
SCIP notification number (Germany)	ebd73cb3-9587-4c09-a471-92d4bfbbee0e
SCIP notification number (Hungary)	1407f651-f5e0-4692-800b-f5253afe4096
SCIP notification number (Italy)	d05108c7-9816-4943-be11-8346dfc9091b
SCIP notification number (Netherlands)	fb7c728-0804-4842-893c-a0575c65d9cd
SCIP notification number (Poland)	b9fbe893-b012-4ae7-8936-3c404d356233
SCIP notification number (Romania)	15601f09-56e4-4897-bd20-205bd8ea5bb8

### Environmental Product Compliance

SCIP notification number (Sweden)

25e1380e-723e-486d-8c79-8af15c7b5b0e

### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
756-1105/060-200



### Documentation

#### System Description

I/O-SYSTEM – SPEED-  
WAY, General Product  
Information

pdf  
1035.20 KB



### CAD/CAE-Data

#### CAE data

WSCAD Universe  
756-1105/060-200

