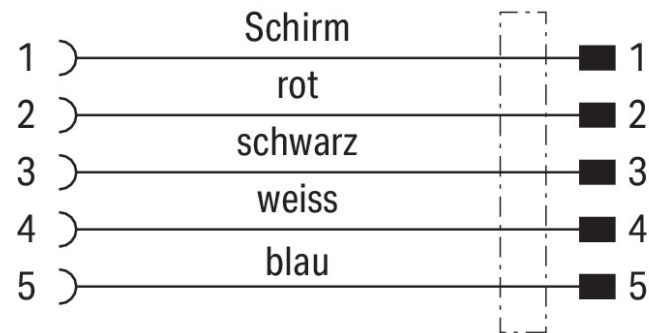
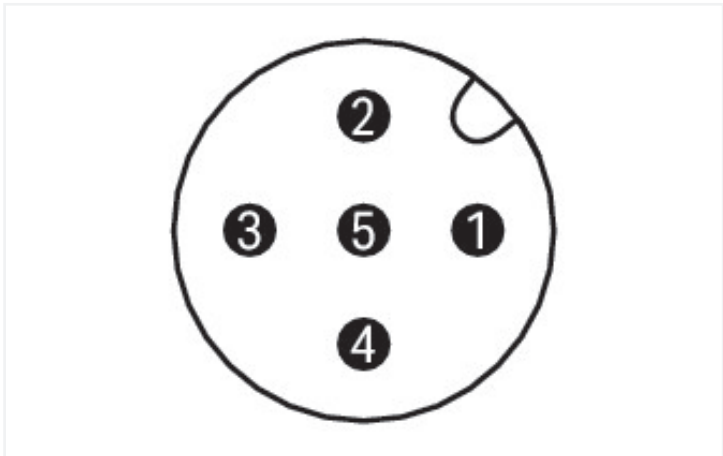
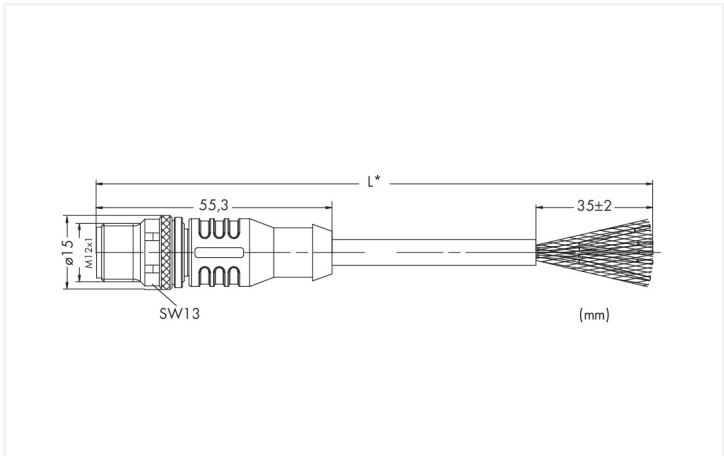




Color: ■ violet

Similar to illustration

Pin 2, 3: 0,38 mm²; Pin 4, 5: 0,67 mm²



Dimensions in mm

- Short description:**
- PUR VT, halogen-free
 - Suitable for drag chains
 - High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
 - High chemical resistance
 - Cable used: UL listed

Technical data	
Connection type	M12 plug - free end
Pole number	5
Cable connection direction to mating direction	0°
Connector interface coding (cable/adapter) 1 1	A-coded
Cable length	10 m
Communication/fieldbus	CANopen
Communication/fieldbus (2)	DeviceNet
Operating voltage	≤ 300 V
Operating current	4 A
Rated impulse withstand voltage	2 kV
Contact resistance	10 mΩ



Technical data

Insulation resistance	$\geq 2 \times 10^8 \Omega/\text{km}$
Conductor resistance	$\leq 57 \Omega/\text{km}$ (22 AWG) + $\leq 79 \Omega/\text{km}$ (24 AWG)

Mechanical data

Bending radius	5 x cable diameter (min.)
Bending cycles	5 million
Drag chain capability	Yes
Type code	L-02YC11Y 2xAWG24 + 2xAWG22/1.4-120 VI FRNC, shielded
Shield	Tinned copper braid, optical coverage approx. 85 %
Conductor configuration	Bare copper wire (19 x 0.125 mm)
Conductor insulation	Halogen-free PE
Housing material	TPU/TPU, black (~ RAL 9005)
Tightening torque	1 Nm
Weight	10 g
Color	violet

Environmental requirements

Ambient (operating) temperature (dynamic)	-40 ... +80 °C
Ambient (operating) temperature (static)	-40 ... +80 °C
Protection type	IP67
Pollution degree	3/2 per IEC 60664-1

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454640903
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
eCl@ss 10.0	27-06-18-01
eCl@ss 9.0	27-06-18-01
ETIM 9.0	EC002599
ETIM 10.0	EC002599
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 2238	E519602

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 756-1403/060-100

Documentation

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

CAD/CAE-Data

CAE data
WSCAD Universe 756-1403/060-100