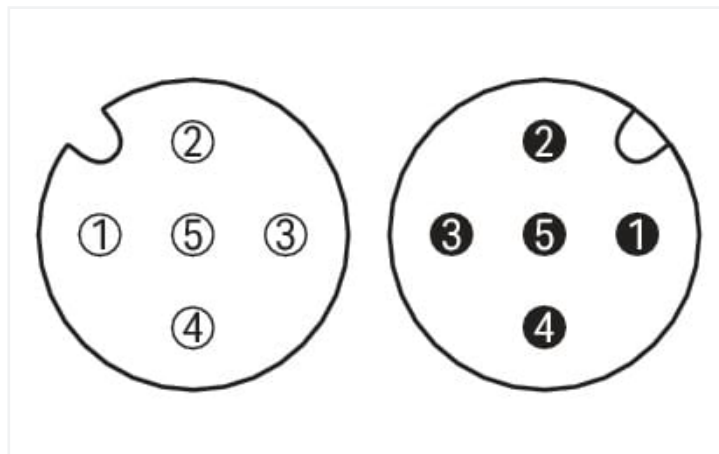


# Data Sheet | Item Number: 756-1405/060-020

CANopen/DeviceNet cable; M12A socket; straight; M12A plug; straight; 5-pole;

Length: 2 m

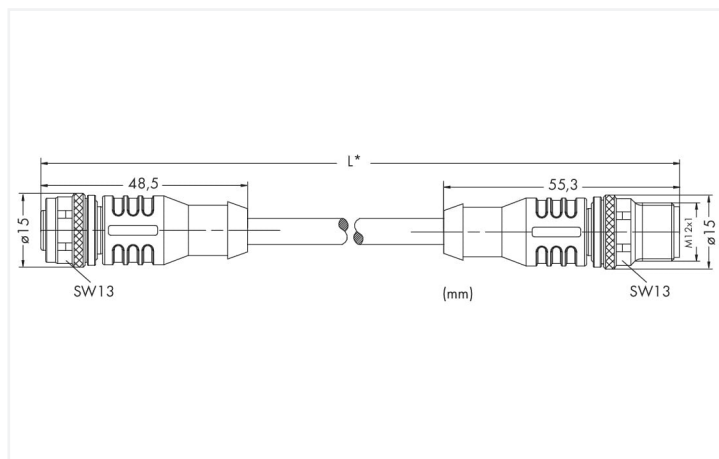
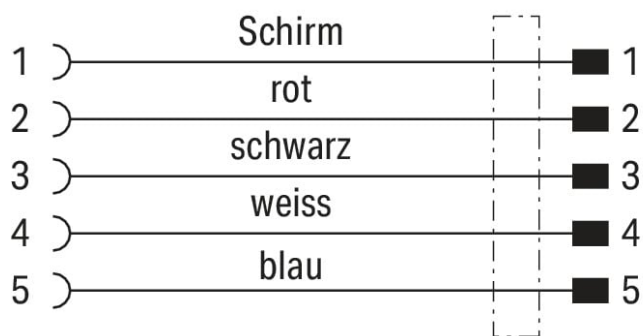
<https://www.wago.com/756-1405/060-020>



Color: ■ violet

Similar to illustration

Pin 2, 3: 0,38 mm<sup>2</sup>; Pin 4, 5: 0,67 mm<sup>2</sup>



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 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/adaptor) 1 1	A-coded
Connector interface coding (cable/adaptor) 2 1	A-coded
Cable length	2 m
Communication/fieldbus	CANopen
Communication/fieldbus (2)	DeviceNet
Operating voltage	≤ 300 V
Operating current	4 A
Rated surge voltage	2 kV
Contact resistance	10 mΩ
Insulation resistance	≥ 2 × 10 <sup>8</sup> Ω/km
Conductor resistance	≤ 57 Ω/km (22 AWG) + ≤ 79 Ω/km (24 AWG)

### Mechanical data

Bending radius	5 x cable diameter (min.)
Bending cycles	5 million
Drag chain capability	Yes
Sheathed cable diameter	6.6 ... 7.2 mm
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	141 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
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	4045454640965
Customs tariff number	85444290900

### 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  
756-1405/060-020



## Documentation

### System Description

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

pdf  
1035.20 KB



## CAD/CAE-Data

### CAE data

WSCAD Universe  
756-1405/060-020

