

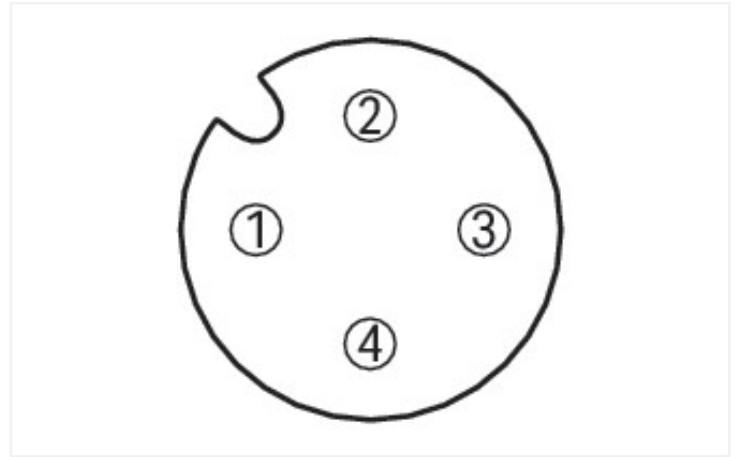
# Data Sheet | Item Number: 756-5302/040-100

Sensor/Actuator cable; M12A socket; angled; 4-pole; Length: 10 m

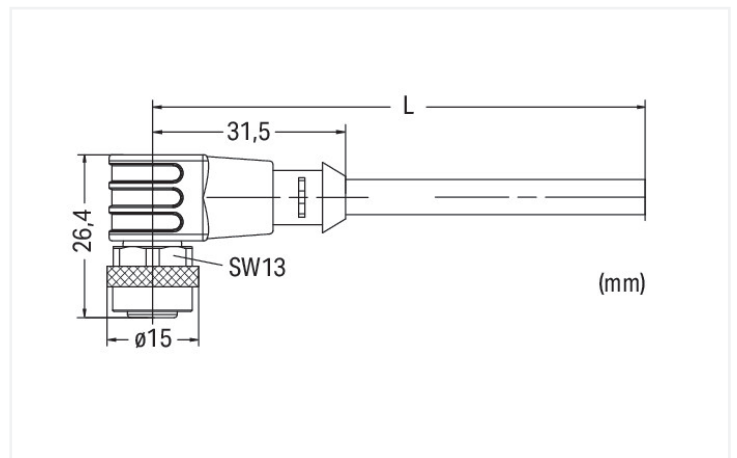
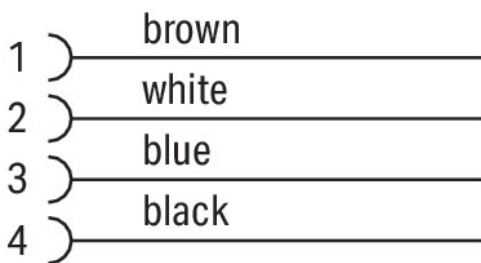
<https://www.wago.com/756-5302/040-100>



Similar to illustration



Pin 1 ... 4: 0.34 mm<sup>2</sup>



Dimensions in mm

### Short description:

- PUR, 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

#### General information

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	2.5 kV
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	10 mΩ
Conductor resistance	≤ 60 Ω/km
Pollution degree	3 per VDE 0110
Protection type	IP67
Ambient (operating) temperature (static)	-50 ... +90 °C
Ambient (operating) temperature (dynamic)	-25 ... +90 °C

#### Drag chain compatible

Bending radius	10 x cable diameter (min.)
Bending cycles	2 million
Acceleration (min.)	5 m/s <sup>2</sup>
Travel speed (max.)	3.33 m/s
Travel path (horizontal) max.	5 m
Travel path (vertical) max.	2 m
Torsional capacity	180 °/m

Cable		Connector	
Cable length	10 m	Connection type	M12 Socket - free end
Type code	LiF9YH-11YH or LiF9YC11YFHF	Pole number	4
Conductor configuration	Bare copper wire, fine-stranded (42 x 0.1 mm)	Cable connection direction to mating direction	90 °
Conductor insulation	PP9Y (halogen-free)	Connector interface coding (cable/adapter) 1 1	A-coded
Sheath material	Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing	Housing material	Polyurethane (PUR)
Sheathed cable color	black	Contact material	CuSn
Sheathed cable diameter	4.5 ... 4.9 mm	Tightening torque	1 Nm

Commercial data	
eCl@ss 10.0	27-06-03-11
eCl@ss 9.0	27-06-03-11
ETIM 8.0	EC001855
ETIM 7.0	EC001855
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454820664
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)	bdf76152-f90e-4a9d-9707-772f98328fad
SCIP notification number (Belgium)	4723b173-8a25-4994-8d26-9381ceb8c533
SCIP notification number (Bulgaria)	546b3aa0-b3c6-43ef-8b32-046649ce2bff
SCIP notification number (Czech Republic)	a1159397-b9aa-4471-9923-b5b5d2acb06e
SCIP notification number (Denmark)	ba620928-bd75-4406-826a-2a01972461db
SCIP notification number (Finland)	5c0e7e63-e449-4d3a-8afa-e82765a537de
SCIP notification number (France)	d3d408f7-fa52-4459-9837-88794c26d4fe
SCIP notification number (Germany)	c891a51d-f2a3-47a0-a891-1b1c702c559d
SCIP notification number (Hungary)	da7a9d51-317c-45db-b454-54b817180ae9
SCIP notification number (Italy)	ccb0539f-bd3f-429c-b893-8ccaefcf2360
SCIP notification number (Netherlands)	b8893868-f478-4ef7-927e-83e4739752b7
SCIP notification number (Poland)	3b05b24e-b9f1-4d0f-9005-185ab7c92b56
SCIP notification number (Romania)	a4abbc79-98d2-429b-8d06-879bfa4b66f
SCIP notification number (Sweden)	07e64358-0833-43ef-aa65-81054bea8465

## Approvals / Certificates

### General approvals



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

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product  
Compliance  
756-5302/040-100



## Documentation

### System Description

IP67 Cables and Plug-  
gable Connectors

pdf  
157.80 KB



### Bid Text

756-5302/040-100

19.02.2019

xml  
3.24 KB



756-5302/040-100

20.09.2017

doc  
26.00 KB



## CAD/CAE-Data

### CAE data

WSCAD Universe  
756-5302/040-100

