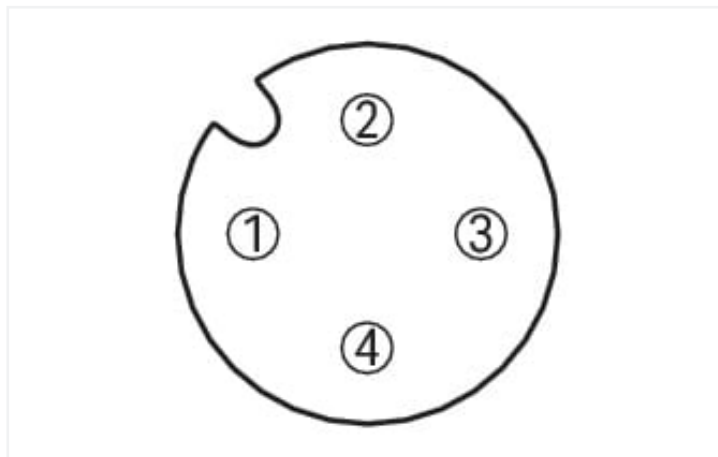


# Data Sheet | Item Number: 756-5301/040-050

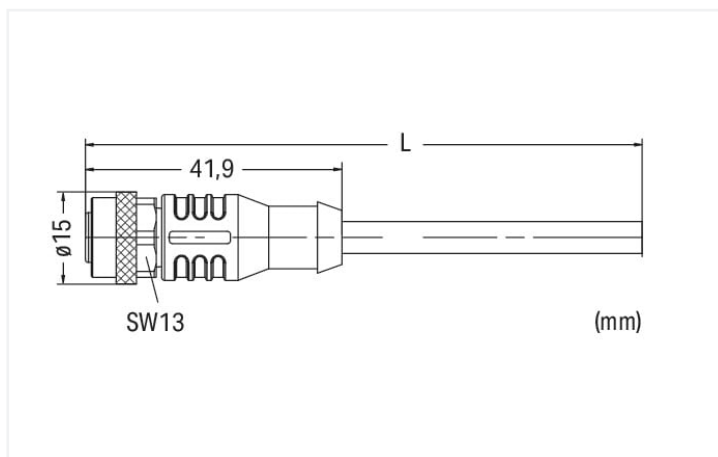
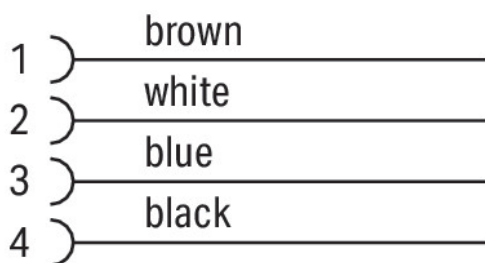
Sensor/Actuator cable; M12A socket; straight; 4-pole; Length: 5 m

<https://www.wago.com/756-5301/040-050>



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	5 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	0 °
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)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918974943
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)	6a953b5b-1c4d-4ca9-a86c-2b4aaa072166
SCIP notification number (Belgium)	cc1f19fe-9013-451b-9cef-7770e84c6fe5
SCIP notification number (Bulgaria)	c40f0ca3-af53-4c53-9cca-bc0e165ebd3e
SCIP notification number (Czech Republic)	Ocf25345-29b5-49ac-add9-ba1979b923bc
SCIP notification number (Denmark)	bc643043-1d90-4443-ae03-a078e3ab9919
SCIP notification number (Finland)	1986c8e2-d8fe-42b0-ba5f-9cc57abf6cec
SCIP notification number (France)	7778cf14-df8a-4395-8917-5791ff0152f2
SCIP notification number (Germany)	1a2c8156-2c36-4d9d-bfe9-020072005e88
SCIP notification number (Hungary)	71027152-495a-4543-baca-f8695cdf398
SCIP notification number (Italy)	6827ad6d-a992-434c-9307-13e3b2baee06
SCIP notification number (Netherlands)	4744fe40-deed-4bfc-a380-7411bb51d2b4
SCIP notification number (Poland)	0a757249-be8b-4050-9399-959986675bb9
SCIP notification number (Romania)	9d683d0d-af57-40cb-bb7f-8acabf6868d4
SCIP notification number (Sweden)	8a616bee-c0b2-4610-9bf5-a302d409dc94

## Approvals / Certificates

### General approvals



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

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

Environmental Product  
Compliance  
756-5301/040-050



**Documentation**

**System Description**

IP67 Cables and Plug-  
gable Connectors

pdf  
157.80 KB



**Bid Text**

756-5301/040-050

19.02.2019

xml  
3.24 KB



756-5301/040-050

20.09.2017

doc  
26.00 KB



**CAD/CAE-Data**

**CAE data**

WSCAD Universe  
756-5301/040-050

