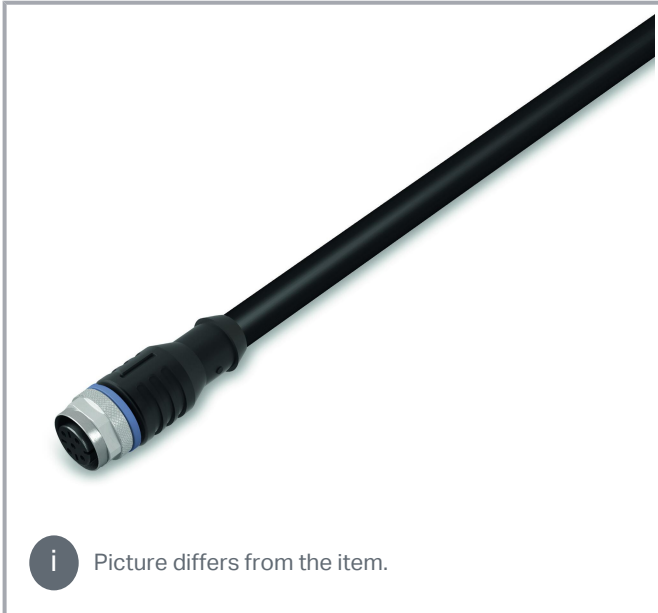


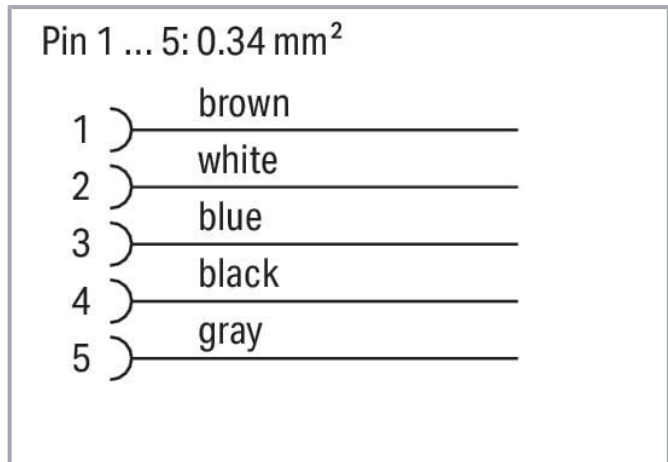
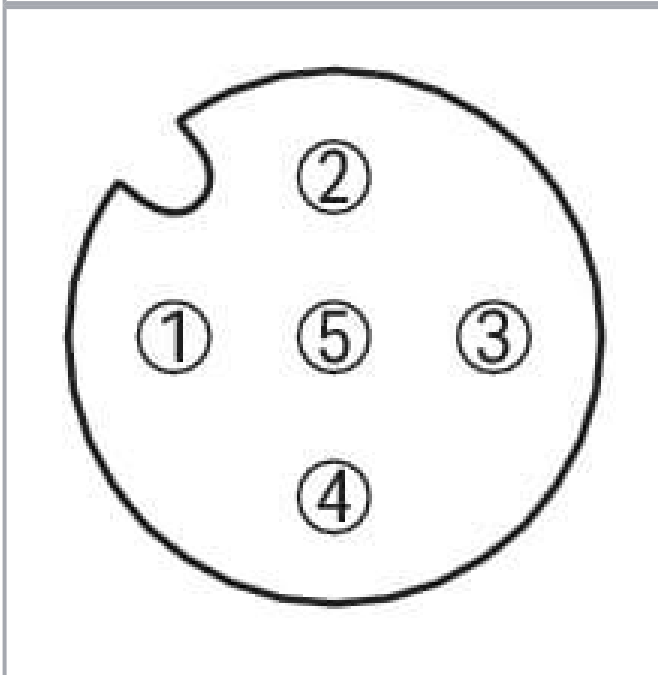
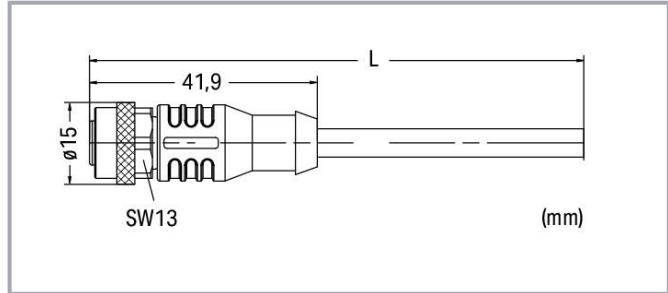
Data sheet | Item number: 756-5301/050-015

Sensor/Actuator cable; M12A socket; straight; 5-pole; Length: 1.5 m

[www.wago.com/756-5301/050-015](http://www.wago.com/756-5301/050-015)



**i** Picture differs from the item.



Subject to changes. Please also observe the further product documentation!

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## Item description

### 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

## Data

### Technical data

#### General

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	1.5 kV
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

#### Suitable for drag chains

Bending radius	10 x cable diameter (min.)
Bending cycles	2 Mio.
Acceleration (min.)	5
Travel speed (max.)	3.33
Travel path (horizontal) max.	5
Travel path (vertical) max.	2
Torsional capacity	180

#### Cable

Cable length	1.5 m
Type code	LiF9YH-11YH or LiF9YC11YFHF

Subject to changes. Please also observe the further product documentation!



Conductor configuration	Bare copper wire, fine-stranded (42 x 0.1 mm)
Conductor insulation	PP9Y (halogen-free)
Sheath material	Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing
Sheathed cable color	black
Sheathed cable diameter	4.8 ... 5.2 mm

## Connector

Connection type	M12 Socket - free end
Cable connection direction to mating direction	0°
Connector interface coding (cable/adaptor) 1 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
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	4044918974974
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)	83ddbba-7d7e-4c4d-bdda-bee4a21b93d4
SCIP notification number (Belgium)	38e5fa65-f319-4d8f-8421-d56de8aaef5d
SCIP notification number (Bulgaria)	689cb483-f285-493e-9dff-815a5d4ab0ef
SCIP notification number (Czech Republic)	76af3125-a96a-473a-a57e-8bcaf6efaa73
SCIP notification number (Denmark)	9330b814-2499-4d0e-9630-d2b0f08b11e0
SCIP notification number (Finland)	7e0e67db-4375-4870-bb90-e696ea4a06b7

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SCIP notification number (France)	0eec8afe-a0b7-40d3-b81a-1c5f4cafaf6e
SCIP notification number (Germany)	b65ae54f-a82e-48fd-b52c-8c697bdece88
SCIP notification number (Hungary)	fe057c7b-5a70-4219-80fb-0c34f3a8a2f5
SCIP notification number (Italy)	b9fe37b0-bba4-416f-9368-d7b1c64c7a77
SCIP notification number (Netherlands)	654e9511-ed6b-444f-99d9-bfce110c8542
SCIP notification number (Poland)	6aabb368-7738-48e1-8a8f-fe844f830ac3
SCIP notification number (Romania)	0ccc9d16-b96e-432e-9cb8-2f0715b82a8f
SCIP notification number (Sweden)	72e3e378-6e21-4eb5-bb9b-e6e51349da5d

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 2238	E519602

## Downloads

### Documentation

#### Bid Text

756-5301/050-015 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5301/050-015 doc - Datei	2017 Sep 20	doc 27.1 kB	Download

#### System Description

IP67 Cables and Pluggable Connectors	pdf 161.6 kB	Download
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## CAD/CAE-Data

### CAE data

WSCAD Universe 756-5301/050-015	URL	Download
WSCAD Universe 756-5301/050-015	URL	Download

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-5301/050-015

URL

Download

Sensor/Actuator cable; M12A socket; straight; 5-pole; Length: 1.5 m

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## Installation Notes

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