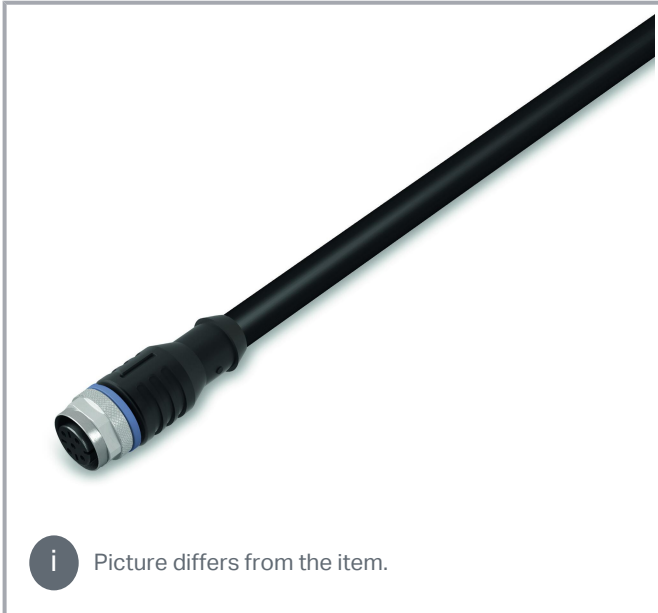


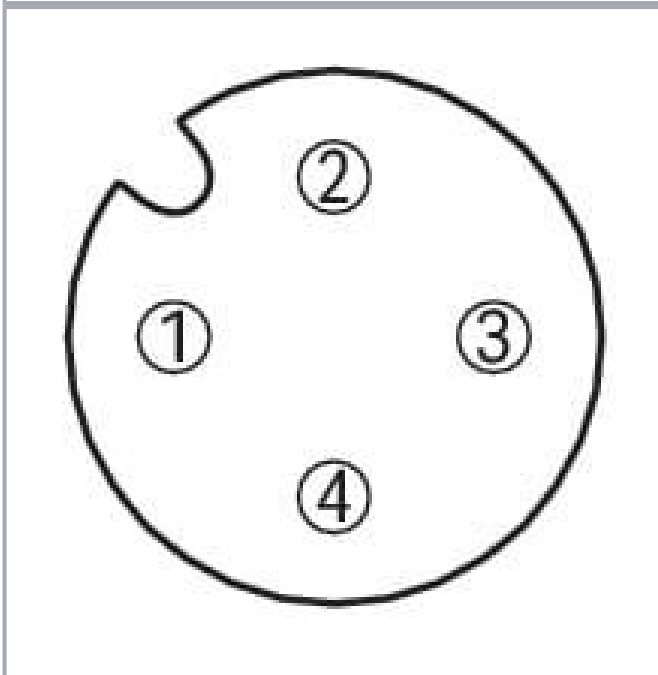
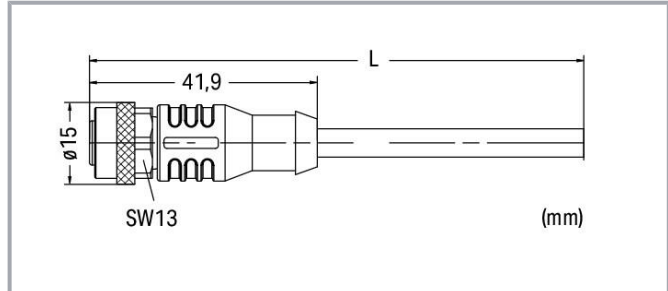
Data sheet | Item number: 756-5301/040-050

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

[www.wago.com/756-5301/040-050](http://www.wago.com/756-5301/040-050)



**i** Picture differs from the item.



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

1	)	brown	_____
2	)	white	_____
3	)	blue	_____
4	)	black	_____

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	2.5 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	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	4.5 ... 4.9 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	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)	0cf25345-29b5-49ac-add9-ba1979b923bc
SCIP notification number (Denmark)	bc643043-1d90-4443-ae03-a078e3ab9919
SCIP notification number (Finland)	1986c8e2-d8fe-42b0-ba5f-9cc57abf6cec

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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-f8695cdaf398
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

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

## Downloads

### Documentation

#### Bid Text

756-5301/040-050 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5301/040-050 doc - Datei	2017 Sep 20	doc 26.6 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 756-5301/040-050	URL	Download
WSCAD Universe 756-5301/040-050	URL	Download

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-5301/040-050

URL

Download

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

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## Installation Notes

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