

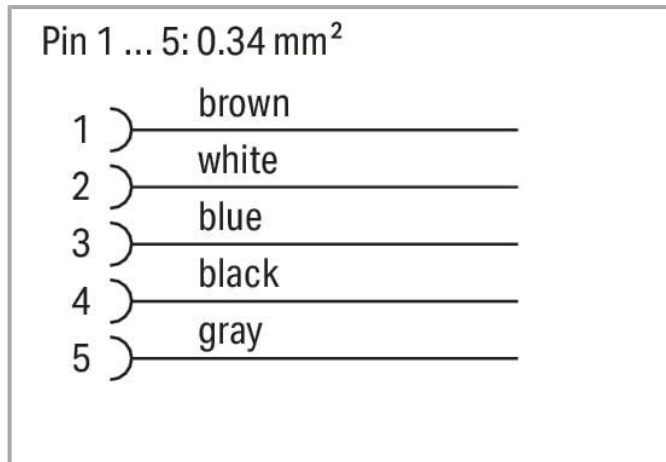
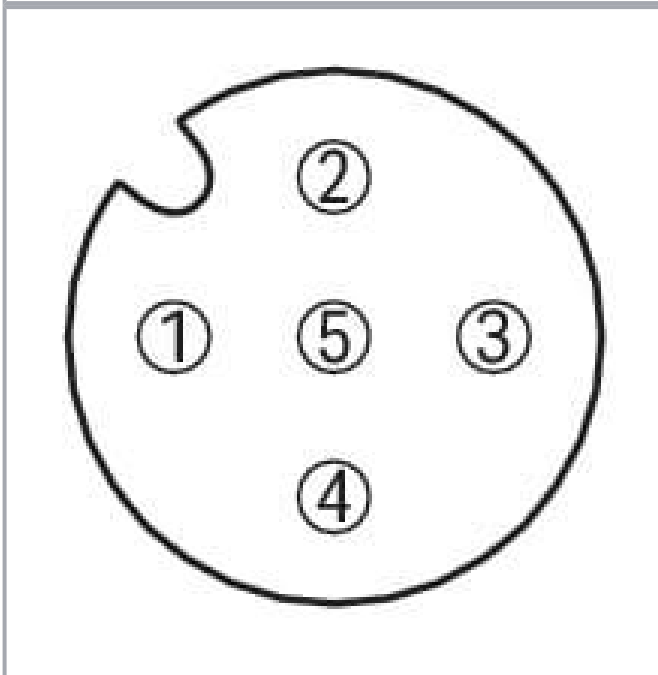
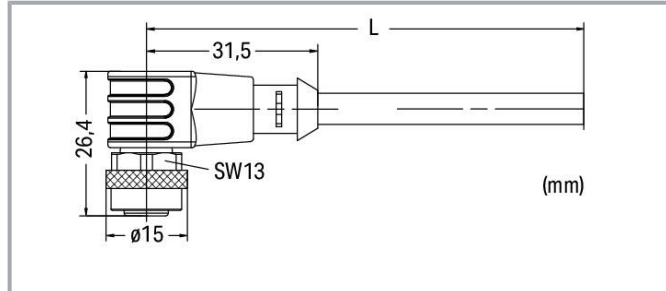
Data sheet | Item number: 756-5302/050-100

Sensor/Actuator cable; M12A socket; angled; 5-pole; Length: 10 m

[www.wago.com/756-5302/050-100](http://www.wago.com/756-5302/050-100)



**i** Picture differs from the item.



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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## 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	10 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	90 °
Connector interface coding (cable/adapter) 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)	5 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454515263
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)	5e1f4fe2-5e37-4e70-afd9-6a4d7600601a
SCIP notification number (Belgium)	3baf80fe-e8d2-43c3-b018-c66d40d61174
SCIP notification number (Bulgaria)	c263eea7-f6c6-433e-beaf-bd3b37d52b39
SCIP notification number (Czech Republic)	a09a6eca-8f02-4a09-8c18-dbbec0659a41
SCIP notification number (Denmark)	036e7fcd-258d-439c-922f-7bd1ec8a489f
SCIP notification number (Finland)	9eba8a4f-bd58-4faa-83ac-16d4bbbc8ec5

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

WAGO GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)


Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.



SCIP notification number (France)	92e05fef-543e-4637-86c1-bb48f32aa17e
SCIP notification number (Germany)	682c74b4-21cd-4a1c-b746-c4fa3ee3c845
SCIP notification number (Hungary)	d864274d-38ba-47f9-a69e-be00a517feff
SCIP notification number (Italy)	29f8d4cb-9e55-4ce9-8a20-c821e5a5b581
SCIP notification number (Netherlands)	6b7b80ff-8bf6-4fbf-ad8d-ffb64609e627
SCIP notification number (Poland)	6118b372-d20a-4338-bd08-cf1f8e309174
SCIP notification number (Romania)	723570d4-434f-4e3d-9977-384f0ebe244e
SCIP notification number (Sweden)	c3083ae2-5074-426c-b71a-7b0fad9a2010

## Approvals / Certificates

### General approvals

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

## Downloads

### Documentation

#### Bid Text

756-5302/050-100 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5302/050-100 doc - Datei	2017 Sep 20	doc 27.1 kB	Download

#### System Description

IP67 Cables and Pluggable Connectors	pdf 161.6 kB	Download
--------------------------------------	-----------------	----------

## CAD/CAE-Data

### CAE data

WSCAD Universe 756-5302/050-100	URL	Download
WSCAD Universe 756-5302/050-100	URL	Download

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

WAGO GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.



## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-5302/050-100

URL

Download

Sensor/Actuator cable; M12A socket; angled; 5-pole; Length: 10 m

---

## Installation Notes

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

---

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.