

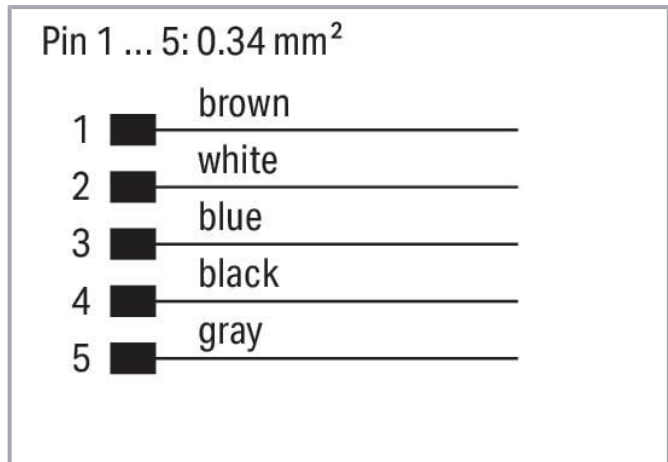
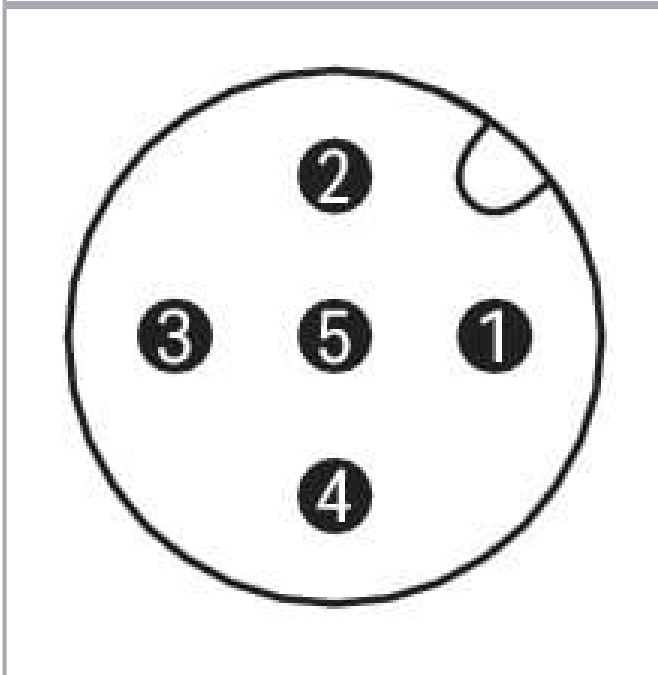
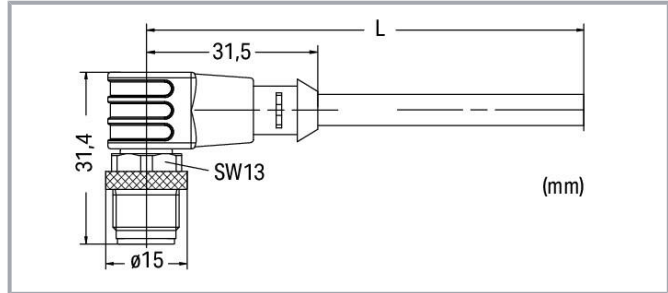
Data sheet | Item number: 756-5312/050-100

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

[www.wago.com/756-5312/050-100](http://www.wago.com/756-5312/050-100)



**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 plug - 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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454536435
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)	72d0a8ce-1011-44ec-ada9-4c1fe63d833e
SCIP notification number (Belgium)	e7cf39a7-a9a3-4e0c-87f2-314c593047f3
SCIP notification number (Bulgaria)	072c7f38-085d-4627-a33c-ca27cc382e7a
SCIP notification number (Czech Republic)	4ecebcb-a-b32f-494f-82f1-b892b2c98b3e
SCIP notification number (Denmark)	5ea6d9c6-0f66-4731-99f2-01e0f5d417a7
SCIP notification number (Finland)	e38e8b1a-6e48-45c5-b4d4-883b33f2b643

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)	3985c350-e085-4570-abd2-7252043823ae
SCIP notification number (Germany)	2e56e741-223f-4f2a-b6ae-c0dae3b1a064
SCIP notification number (Hungary)	efc475dc-d285-4fa9-accb-0e56ad5995fb
SCIP notification number (Italy)	ad6e0c0a-a903-41c5-b6ef-919ac483573d
SCIP notification number (Netherlands)	1396245a-e1de-4626-86b4-60bc91e7466a
SCIP notification number (Poland)	f4827db9-7e48-48a3-8e29-b564c93d4df0
SCIP notification number (Romania)	abc2d11d-3bc8-40ce-9172-66238f4b4abe
SCIP notification number (Sweden)	d8df2e7c-fb32-46e3-87d3-da033c6bbdac

## Approvals / Certificates

### General approvals

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

## Downloads

### Documentation

#### Bid Text

756-5312/050-100 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5312/050-100 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 756-5312/050-100	URL	Download
WSCAD Universe 756-5312/050-100	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 756-5312/050-100  
Sensor/Actuator cable; M12A plug; angled; 5-pole; Length: 10 m

URL

Download

## Installation Notes

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