

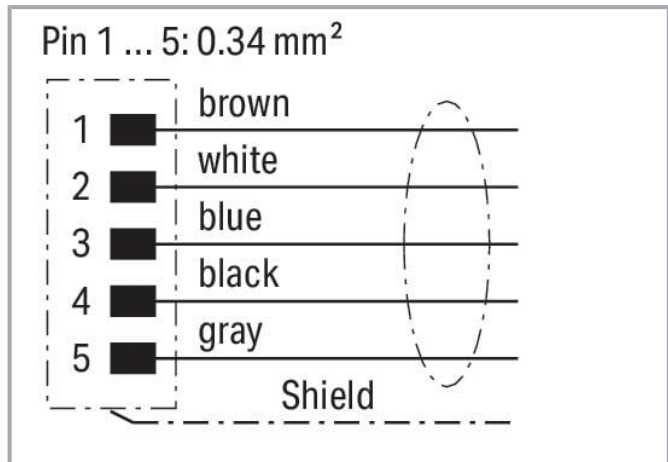
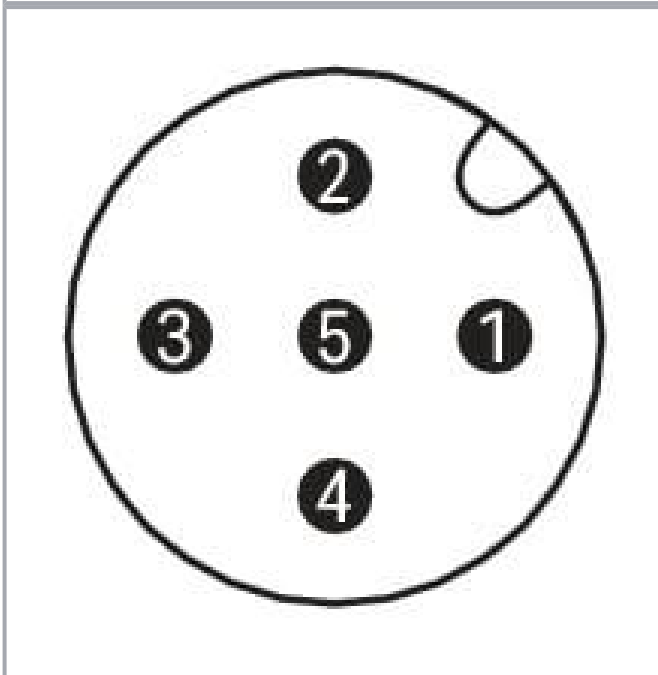
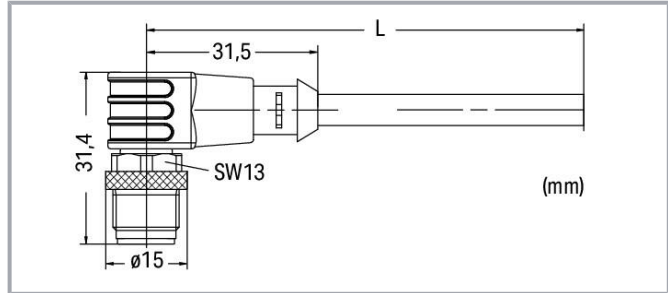
Data sheet | Item number: 756-5312/060-050

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

[www.wago.com/756-5312/060-050](http://www.wago.com/756-5312/060-050)



**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	5 m
Type code	LiF9YH-11YH or LiF9YC11YFHF

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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	6.3 ... 6.7 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	4045454942366
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)	396a52d0-1846-428a-94f9-d28c42d8e2c2
SCIP notification number (Belgium)	e44d5b20-00db-4394-b20f-e70cf3411d8b
SCIP notification number (Bulgaria)	e947d9fc-0333-4b49-91c5-4fae8293a11a
SCIP notification number (Czech Republic)	8bf8695f-369a-41ca-944b-be40a0016f6d
SCIP notification number (Denmark)	52d80822-0ddb-4fda-86de-15c560a44a92
SCIP notification number (Finland)	153d77ec-07ca-4a52-8368-fdeef677bc81

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SCIP notification number (France)	9e5bc608-5413-4ad2-895c-dc364e97a9df
SCIP notification number (Germany)	ee013b66-f756-443f-99e2-cb2c3b17cba3
SCIP notification number (Hungary)	55e5b69a-bb88-43d2-bd38-f753aa3eb037
SCIP notification number (Italy)	45a40c65-b3c4-441e-bc37-f6daab8ae910
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SCIP notification number (Poland)	caecdc9a-9699-4a94-879f-3b2f02798199
SCIP notification number (Romania)	5961bc02-f514-4139-acd1-ef6bb0b16f4b
SCIP notification number (Sweden)	ee0ee69e-8609-4744-8bbb-a1adc4a9b081

## Approvals / Certificates

### General approvals

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

## Downloads

### Documentation

#### Bid Text

756-5312/060-050 X81 - Datei	2019 Feb 19	xml 3.4 kB	Download
756-5312/060-050 doc - Datei	2017 Sep 20	doc 27.6 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 756-5312/060-050	URL	Download
WSCAD Universe 756-5312/060-050	URL	Download

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-5312/060-050  
Sensor/Actuator cable; M12A plug; angled; 5-pole; Length: 5 m

URL

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## Installation Notes

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