

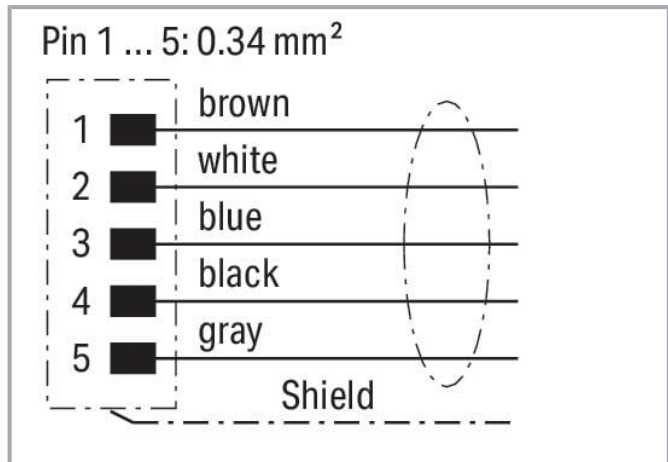
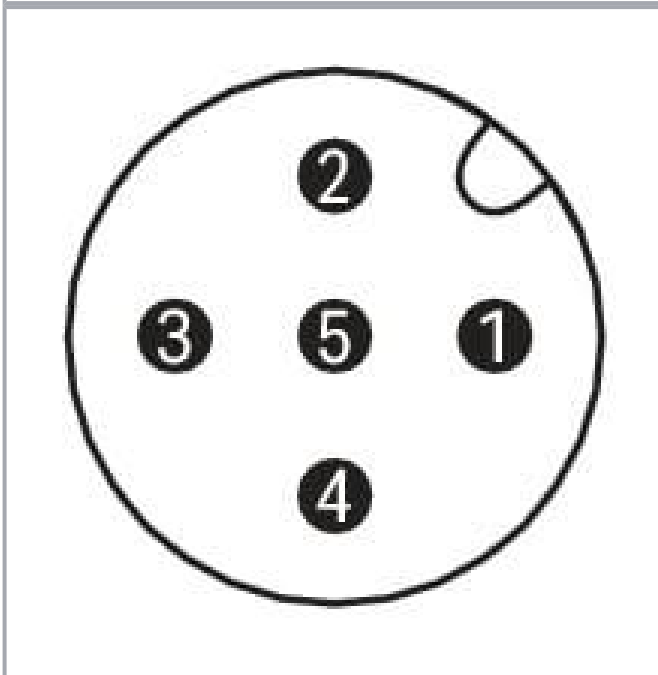
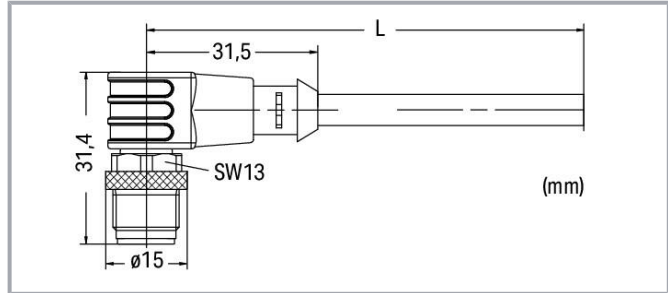
Data sheet | Item number: 756-5312/060-100

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

[www.wago.com/756-5312/060-100](http://www.wago.com/756-5312/060-100)



**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	10 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	4045454941710
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)	c20ddc49-7a05-4483-bc54-416037aa812a
SCIP notification number (Belgium)	667ec1a8-994e-4e82-b192-807499a6424a
SCIP notification number (Bulgaria)	6730868f-390c-436e-9c94-fa17854e06fb
SCIP notification number (Czech Republic)	21b05b96-4d54-462d-8e9c-a7c044afc343
SCIP notification number (Denmark)	b23a7cc4-cfb6-4bd3-9c64-b7810836e874
SCIP notification number (Finland)	4ca63baf-2343-4d13-8105-01d5c1f62a86

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SCIP notification number (France)	6e591dec-0e22-4f22-95c6-045fff279478
SCIP notification number (Germany)	d635e982-36cd-4b3f-81e8-4a670fe3f616
SCIP notification number (Hungary)	7ea27e1c-6506-4bf5-944f-e061965d9ec0
SCIP notification number (Italy)	ba8f5570-37d4-46b0-ae8c-922fe8a8cca1
SCIP notification number (Netherlands)	6388b7be-f01f-492e-b6de-b27a262e3a60
SCIP notification number (Poland)	b98c0e59-7feb-4fda-96d8-498dbcd29731
SCIP notification number (Romania)	5adaba19-38ac-4176-a1e9-e51713f3a2b3
SCIP notification number (Sweden)	4d947e32-0dfe-48cd-8a4d-053e00b25238

## Approvals / Certificates

### General approvals

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

## Downloads

### Documentation

#### Bid Text

756-5312/060-100 X81 - Datei	2019 Feb 19	xml 3.4 kB	Download
756-5312/060-100 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 756-5312/060-100	URL	Download
WSCAD Universe 756-5312/060-100	URL	Download

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-5312/060-100	URL	Download
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## Installation Notes

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