

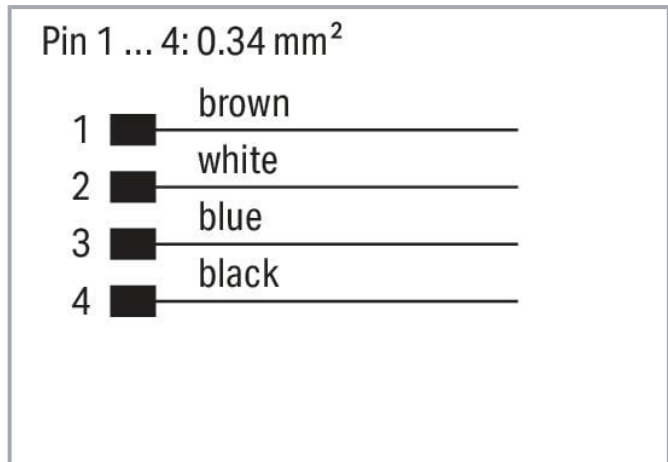
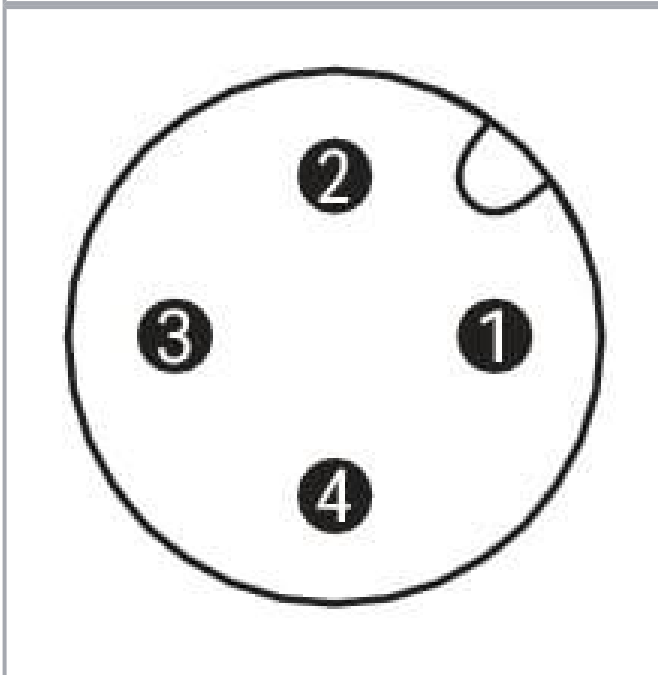
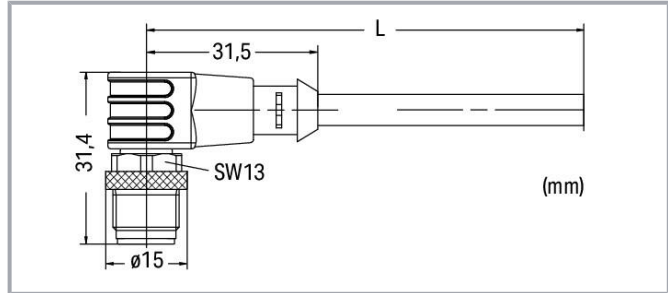
Data sheet | Item number: 756-5312/040-100

Sensor/Actuator cable; M12A plug; angled; 4-pole; Length: 10 m

[www.wago.com/756-5312/040-100](http://www.wago.com/756-5312/040-100)



**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)

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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	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	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	4.5 ... 4.9 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	4045454942328
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)	fa173f5f-9781-4d13-abec-c53640003a3b
SCIP notification number (Belgium)	d0044382-3820-4d20-9434-1e57916c4d0d
SCIP notification number (Bulgaria)	1224294f-d3ad-44ce-8986-9e177532f452
SCIP notification number (Czech Republic)	ba836cc3-f76d-495d-ab22-6cdf121a085d
SCIP notification number (Denmark)	83f6f826-7ad6-4563-a785-63f6048e2077
SCIP notification number (Finland)	a3eed68c-8c30-4039-b2c1-6ba62733e0ea

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SCIP notification number (France)	2b96e26b-a93a-4ba7-8e29-475f160218dd
SCIP notification number (Germany)	e33d8d4e-8ab5-45b0-9c61-cdd12a9ebcba
SCIP notification number (Hungary)	4e1d98a8-8a13-4159-9b52-7773d41297e2
SCIP notification number (Italy)	10f40ac4-96d2-4c3d-98a5-360a71cbfd4d
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SCIP notification number (Poland)	3852f491-3011-4ea2-acbf-7b09aa41fb88
SCIP notification number (Romania)	d17f2505-1cdf-4df5-9f83-c8902961b128
SCIP notification number (Sweden)	4464fac1-6ec4-4898-ab92-8208b58cd497

## Approvals / Certificates

### General approvals

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

## Downloads

### Documentation

#### Bid Text

756-5312/040-100 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5312/040-100 doc - Datei	2017 Sep 20	doc 27.1 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 756-5312/040-100	URL	Download
WSCAD Universe 756-5312/040-100	URL	Download

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-5312/040-100	URL	Download
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## Installation Notes

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