

Data sheet | Item number: 756-5404/040-020

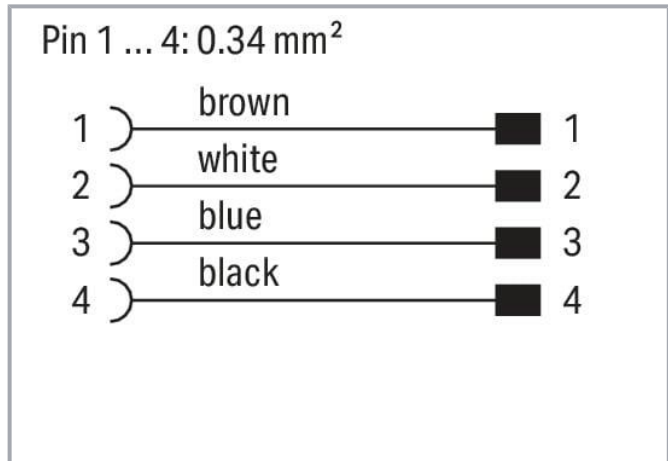
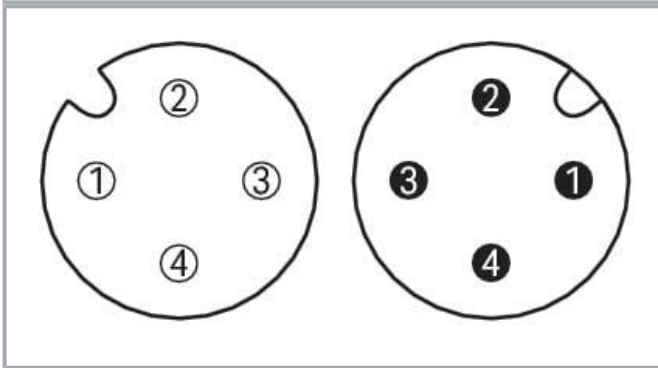
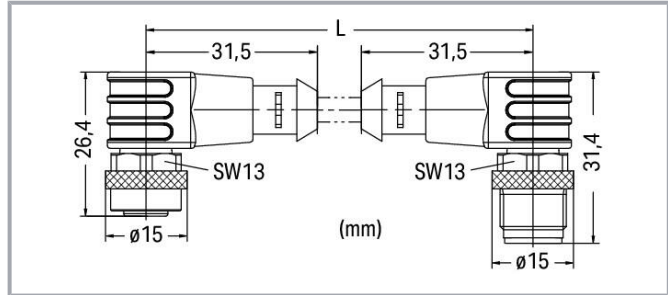
Sensor/Actuator cable; M12A socket; angled; M12A plug; angled; 4-pole;  
Length: 2 m



[www.wago.com/756-5404/040-020](http://www.wago.com/756-5404/040-020)



 Picture differs from the item.



## 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

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.



## 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	2 m
Type code	LiF9YH-11YH or LiF9YC11YFHF
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 Socket - M12 plug
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	90 °

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



Connector interface coding (cable/adapter) 1 1	A-coded
Connector interface coding (cable/adapter) 2 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)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918975599
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)	40eb4bb5-dd93-4abc-b342-6c353a19124a
SCIP notification number (Belgium)	1bef6f27-8b55-4749-98bf-d208bc0e1c50
SCIP notification number (Bulgaria)	f6132678-0299-45fd-8b23-4a6b139266a5
SCIP notification number (Czech Republic)	2d8849b6-8a41-424d-a123-1a3e45e3df49
SCIP notification number (Denmark)	dad72e03-b837-4a93-9900-77217eabd58a
SCIP notification number (Finland)	7046bbcb-8c08-47dc-8989-ee3c12ce3f48
SCIP notification number (France)	c98dccde-1a98-44f6-be8e-6aab657bfeaa
SCIP notification number (Germany)	1fdb7b14-5d17-4e2b-896c-0e7d44667a17
SCIP notification number (Hungary)	f2d902e9-9bc4-4926-b5a0-a871e0111b3a
SCIP notification number (Italy)	f1e90961-e928-448d-9ccd-f9ab265e9ad6
SCIP notification number (Netherlands)	c04c3151-0b22-491e-a818-ae10b755e811
SCIP notification number (Poland)	c445e449-ebc9-4b1e-b980-287f5fb3769f
SCIP notification number (Romania)	5cf561ce-d7b3-41d5-93d8-9f00dc1e2aef
SCIP notification number (Sweden)	6ef63344-bc80-4450-8f0d-19352b008e43


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.

## Approvals / Certificates

### General approvals

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

## Downloads

### Documentation

#### Bid Text

756-5404/040-020 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5404/040-020 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 756-5404/040-020	URL	Download
WSCAD Universe 756-5404/040-020	URL	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-5404/040-020 Sensor/Actuator cable; M12A socket; angled; M12A plug; angled; 4-pole; Length: 2 m	URL	Download
---	-----	----------

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



## 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.