

**Data sheet | Item number: 756-5510/040-020**

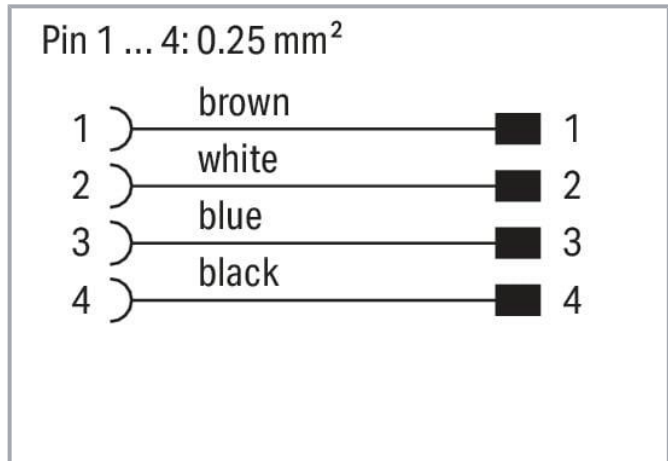
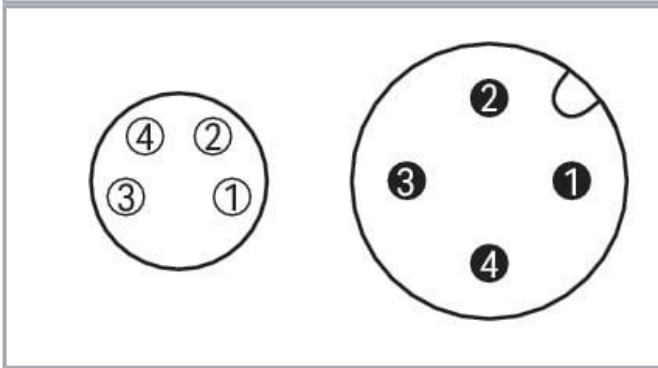
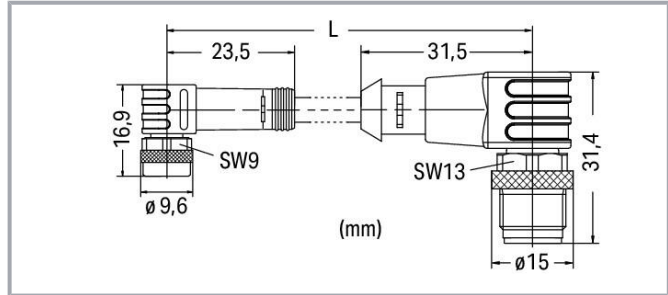
Sensor/Actuator cable; M8 socket; angled; M12A plug; angled; 4-pole;  
Length: 2 m



[www.wago.com/756-5510/040-020](http://www.wago.com/756-5510/040-020)



**i** Picture differs from the item.



**Item description**

**Short description:**

- PUR, halogen-free
- Suitable for drag chains
- Good resistance to microbes, hydrolysis, oil, chemicals and UV radiation.
- Good 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	AC/DC 60 V
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	3.9 ... 4.3 mm

#### Connector

Connection type	M8 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) 2 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 ... 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	DE
GTIN	4044918976008
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)	8019e4d4-6c11-47bf-842c-653cd08a1b0e
SCIP notification number (Belgium)	54d9fb6a-1d53-415b-b3a2-7990a7258d0c
SCIP notification number (Bulgaria)	c298076e-9f3c-4505-a8af-64a6756afc69
SCIP notification number (Czech Republic)	6bafc9ac-cd59-4519-a999-74d4d5f50614
SCIP notification number (Denmark)	49982320-2490-42d1-a3a4-00b66c2e39a1
SCIP notification number (Finland)	466d4455-4d4e-46ee-b8dc-51d57a143576
SCIP notification number (France)	509f1996-23b1-41a8-9f0b-7fdeda7dc3c5
SCIP notification number (Germany)	bd87f223-68cd-49cc-8d00-d7113d3b02b1
SCIP notification number (Hungary)	b4ed90c4-2719-415a-90dc-7387b71ad7ea
SCIP notification number (Italy)	6fd5e02c-7bee-4f3c-8315-be2ca493d702
SCIP notification number (Netherlands)	3b00c21a-8fdc-4121-8f20-f9e91d318ffd
SCIP notification number (Poland)	18ba1913-1281-41f6-ae23-deb522372ab5
SCIP notification number (Romania)	c568d1e6-d82a-4aad-8046-1cfc93e8873a
SCIP notification number (Sweden)	9591181e-6d57-4797-910b-9d4331681b24

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## Downloads

### Documentation

#### Bid Text

756-5510/040-020 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
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756-5510/040-020 doc - Datei	2017 Sep 20	doc 26.1 kB	Download
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#### System Description

IP67 Cables and Pluggable Connectors		pdf 161.6 kB	Download
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## CAD/CAE-Data

#### CAE data

WSCAD Universe 756-5510/040-020		URL	Download
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## Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 756-5510/040-020 Sensor/Actuator cable; M8 socket; angled; M12A plug; angled; 4-pole; Length: 2 m		URL	Download
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## Installation Notes

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