

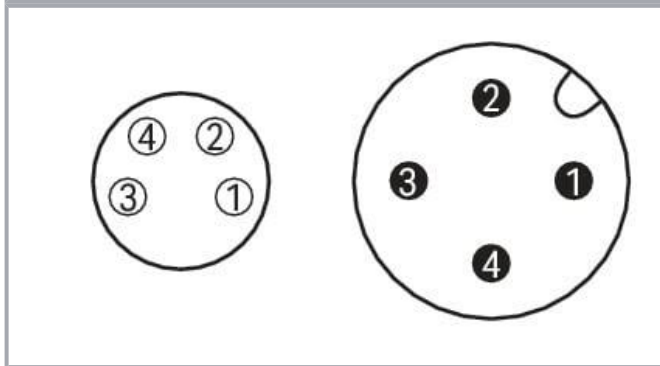
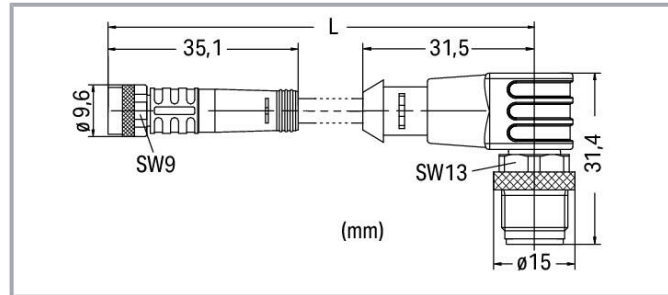
Data sheet | Item number: 756-5508/040-020

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

www.wago.com/756-5508/040-020



 Picture differs from the item.



Pin 1 ... 4: 0.25 mm²

1	brown	■	1
2	white	■	2
3	blue	■	3
4	black	■	4

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!

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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 information

Operating voltage	AC/DC 60 V
Operating current	4 A
Rated surge voltage	1.5 kV
Insulation resistance	$>10^9 \Omega$
Contact resistance	10 m Ω
Conductor resistance	$\leq 60 \Omega/\text{km}$
Pollution degree	3 per VDE 0110
Protection type	IP67
Ambient (operating) temperature (static)	-50 ... +90 °C
Ambient (operating) temperature (dynamic)	-25 ... +90 °C

Drag chain compatible

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
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Pole number	4
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	90 °
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
ECCN	NO DATA
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918975964
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)	9525e59f-6d7c-4862-a7f7-0a3b24e20704
SCIP notification number (Belgium)	a0d278ab-4022-4556-ae1c-2feaf7865ade
SCIP notification number (Bulgaria)	38946b5c-5521-41a9-a425-c781d78bf16d
SCIP notification number (Czech Republic)	f24bb182-a7fe-421f-94ce-dbc67228d026
SCIP notification number (Denmark)	788578a2-84f1-4023-a6c9-237b772499eb
SCIP notification number (Finland)	96a3280d-d710-4491-8a72-da9242f330ad
SCIP notification number (France)	fa5143fe-9482-44d4-8d36-fc90e7d87033
SCIP notification number (Germany)	fb606ca2-bbd2-438d-901c-2b7e444b56ed
SCIP notification number (Hungary)	009fe00e-6377-46cc-b461-f6bc5fd2b523
SCIP notification number (Italy)	a03c0eac-28c4-4c28-a0a3-f1dfc17b4a4b
SCIP notification number (Netherlands)	e0009612-3fae-4f34-970e-3d5ea4a60ee8
SCIP notification number (Poland)	7038b7df-2dc2-4298-84b8-0e6963c0c9a0

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SCIP notification number (Romania)	3f57e699-3419-4050-9aeb-69442b95435f
SCIP notification number (Sweden)	3c220214-a0a0-44cd-bb1d-1b21bc53f0cc

Commercial data

eCl@ss 9.0
ETIM 8.0
ETIM 7.0
Customs tariff number

Downloads**Documentation****Bid Text**

756-5508/040-020 X81 - Datei	2019 年2月19 日	xml 3.3 kB	Download
756-5508/040-020 doc - Datei	2017 年9月20 日	doc 26.1 kB	Download

System Description

IP67 Cables and Pluggable Connectors	pdf 130.8 kB	Download
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CAD/CAE-Data**CAE data**

WSCAD Universe 756-5508/040-020	URL	Download
WSCAD Universe 756-5508/040-020	URL	Download

Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 756-5508/040-020 Sensor/Actuator cable; M8 socket; straight; M12A plug; angled; 4-pole; Length: 2 m	URL	Download
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Installation Notes

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