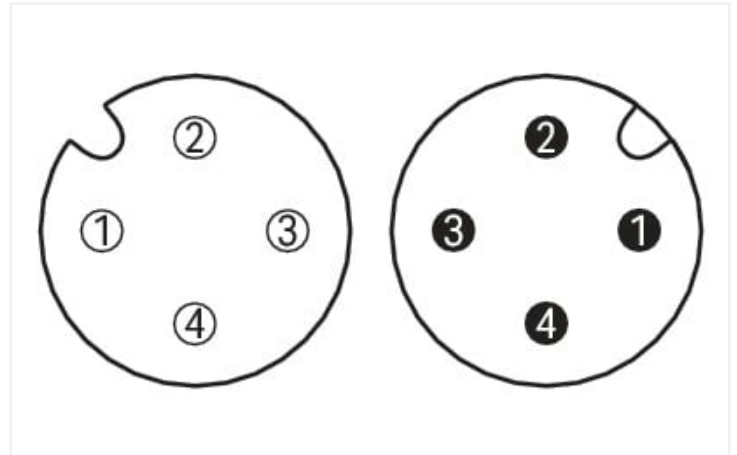


# Data Sheet | Item Number: 756-5403/040-020

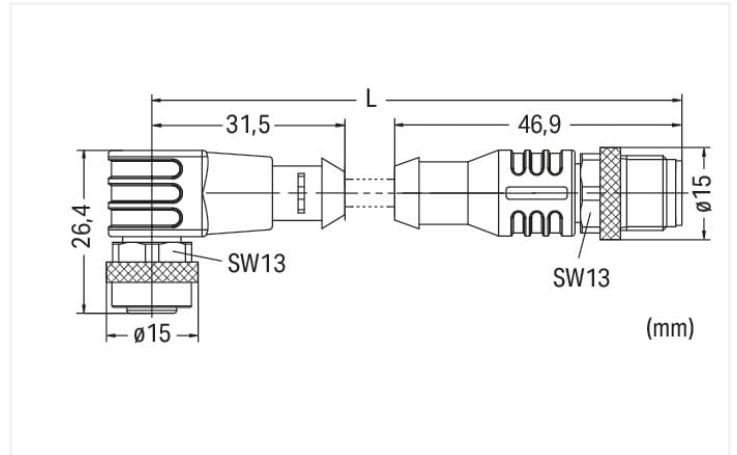
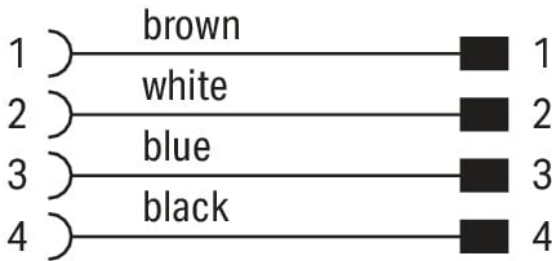
Sensor/Actuator cable; M12A socket; angled; M12A plug; straight; 4-pole; Length: 2 m

<https://www.wago.com/756-5403/040-020>



Similar to illustration

Pin 1 ... 4: 0.34 mm<sup>2</sup>



Dimensions in mm

## 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

## Technical data

### General information

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	2.5 kV
Insulation resistance	>10 <sup>9</sup> Ω
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

### Drag chain compatible

Bending radius	10 x cable diameter (min.)
Bending cycles	2 million
Acceleration (min.)	5 m/s <sup>2</sup>
Travel speed (max.)	3.33 m/s
Travel path (horizontal) max.	5 m
Travel path (vertical) max.	2 m
Torsional capacity	180 °/m

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
Pole number	4
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °
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	4044918975568
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)	b6f17e80-45c9-47c7-85db-268b4631d677
SCIP notification number (Belgium)	4f26f4ff-e963-40bd-a191-863f02f2d990
SCIP notification number (Bulgaria)	488e801a-e741-4858-959c-062c230bad3f
SCIP notification number (Czech Republic)	7140d62b-172c-4c39-831b-53c6bde48d2c
SCIP notification number (Denmark)	1c75e161-fb2b-4346-bfb6-90615900462d
SCIP notification number (Finland)	4a94a67b-ff8f-4f09-8083-1212cd5acce4
SCIP notification number (France)	fbef07f1-740c-4936-b99f-ed78568d2c23
SCIP notification number (Germany)	a9def6a1-5b3e-45e7-a25c-9d1cc1d64dc2
SCIP notification number (Hungary)	e7e9713d-029b-43f1-876a-8450a88df37e
SCIP notification number (Italy)	f12c302c-75b3-4e43-a6b0-20d5d2965f5b
SCIP notification number (Netherlands)	3d5788fb-f68f-4692-ae85-5a196edf6e10
SCIP notification number (Poland)	9abac9d6-c0b4-4348-85d1-311a2619b3c8
SCIP notification number (Romania)	8e3b6ca2-4248-44ab-b7f3-d94b94c2e97a
SCIP notification number (Sweden)	779a52fe-9ed8-4048-a6cd-77e239018ad1

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 2238	E519602

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5403/040-020	↓
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Documentation

System Description

IP67 Cables and Plug- gable Connectors	pdf 157.80 KB	↓
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Bid Text

756-5403/040-020	19.02.2019	xml 3.24 KB	↓
756-5403/040-020	20.09.2017	doc 26.50 KB	↓

CAD/CAE-Data

CAE data

WSCAD Universe 756-5403/040-020	↓
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