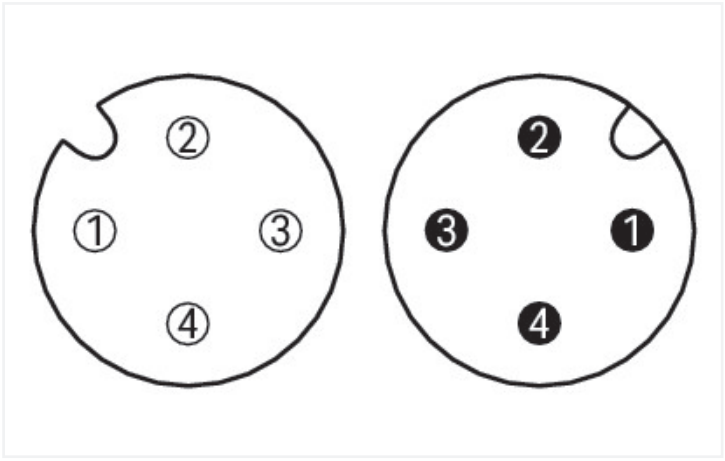
Data Sheet | Item Number: 756-5402/040-020

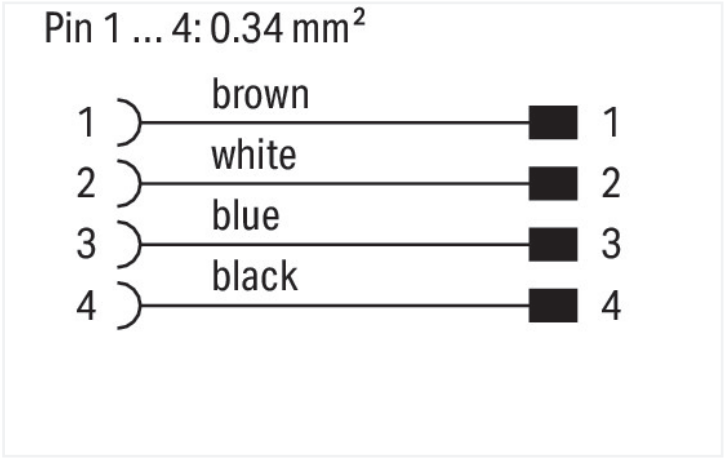
Sensor/Actuator cable; M12A socket; straight; M12A plug; angled; 4-pole; Length: 2 m

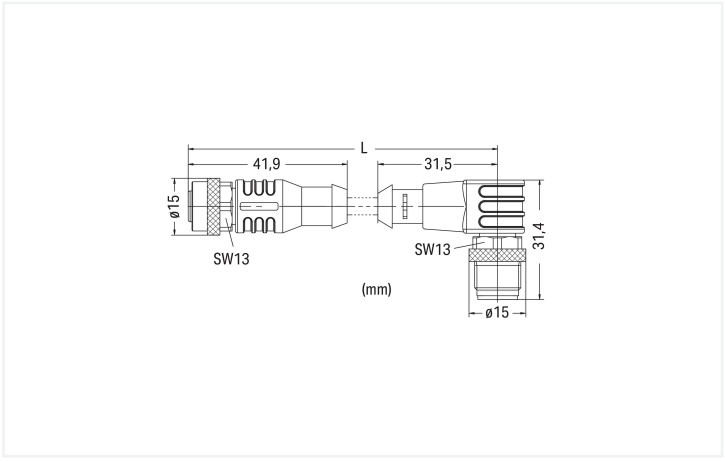
https://www.wago.com/756-5402/040-020





Similar to illustration





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 impulse withstand voltage	2.5 kV
Insulation resistance	>10^9 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

General information

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/s²
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

Connector

Connection type	M12 Socket - M12 plug
Pole number	4
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	90 °
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

PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918975544
Customs tariff number	85444290900

Product Classification

UNSPSC	26121629
eCl@ss 10.0	27-06-03-11
eCl@ss 9.0	27-06-03-11
ETIM 9.0	EC001855
ETIM 10.0	EC001855
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	76c3b6b7-3405-4f24-8834-125061c13ac7
SCIP notification number (Belgium)	c8568fdf-3354-4b0c-84e5-0d214b8ffd00
SCIP notification number (Bulgaria)	2d42e4a2-de9b-4b94-8872-daf662d16200
SCIP notification number (Czech Republic)	0bd3da15-6734-4852-8f68-43f9be31a1fb
SCIP notification number (Denmark)	b7795d96-86a8-41c0-ae1e-d31677dae982
SCIP notification number (Finland)	60e96429-49ba-4577-85b5-60b8e0c71e43
SCIP notification number (France)	55bec252-87c6-4d59-928c-9cd031871d0e
SCIP notification number (Germany)	30541d39-a4c2-4db0-976c-bd576281e542
SCIP notification number (Hungary)	691d9d56-d1c0-4b81-9034-fa4993570042
SCIP notification number (Italy)	c4eb2038-b1e6-48de-a0ec-24fb580bb49a
SCIP notification number (Netherlands)	642d5be5-32f2-4839-85b1-b85cc0487ed1

Continued on next page

Environmental Product Compliance

SCIP notification number (Poland)	14298209-9ccd-4f2a-941b-0925cabc68c4
SCIP notification number (Romania)	5d5440fb-2384-4046-9277-76d76e3d12b8
SCIP notification number (Sweden)	3fa09399-723f-41c3-8f11-884a3ab63c6b

Approvals / Certificates

General approvals

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5402/040-020

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5402/040-020	19.02.2019	xml 3.24 KB
756-5402/040-020	20.09.2017	doc 26.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe
756-5402/040-020