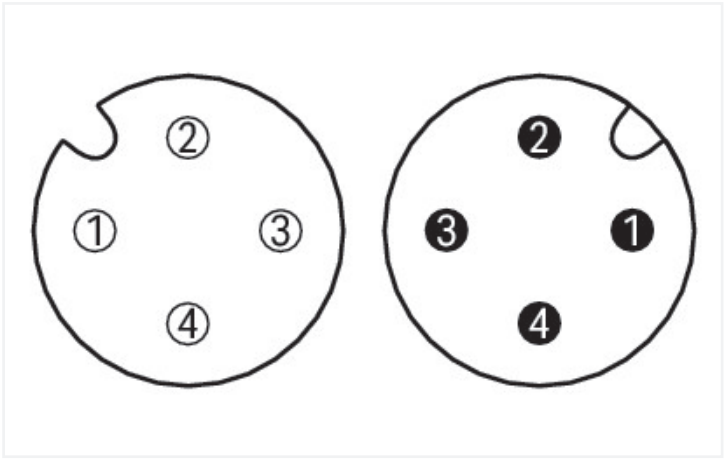
Data Sheet | Item Number: 756-5402/040-010

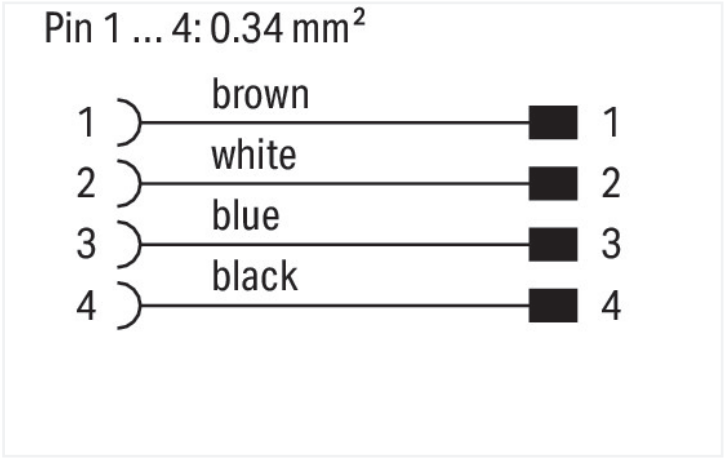
Sensor/Actuator cable; M12A socket; straight; M12A plug; angled; 4-pole; Length: 1 m

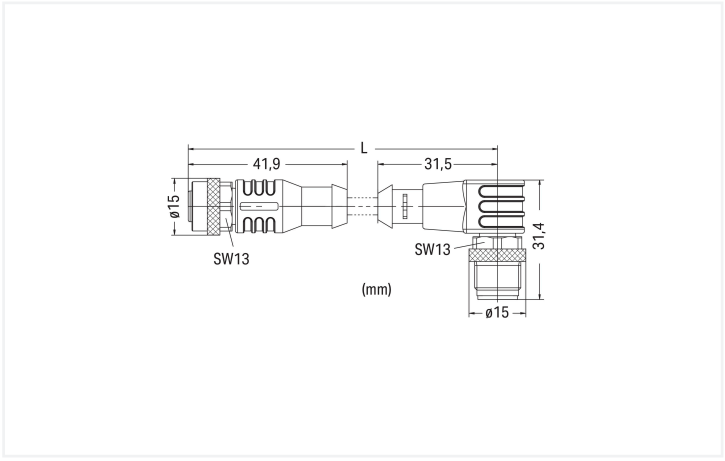
https://www.wago.com/756-5402/040-010





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	1 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	4044918975537
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
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)	374fb659-07f6-49e3-9e8c-3d7f14f43b1d
SCIP notification number (Belgium)	a5ac2f4a-07af-4a66-bb66-c44c7e48c015
SCIP notification number (Bulgaria)	35eaaf07-eb43-4033-a40d-6c1b458c95ed
SCIP notification number (Czech Republic)	ae37ac7d-349d-4f2c-991e-43ecc3d3ba89
SCIP notification number (Denmark)	7bd16b6a-5e37-418a-bd56-8df77470100d
SCIP notification number (Finland)	d97a01af-c4a9-4c1f-86ce-ef1621dc4505
SCIP notification number (France)	1f78e584-fcbf-4dce-9dc7-d8573208fe06
SCIP notification number (Germany)	ee5c571b-e2c1-4129-ad32-f58d42287c9c
SCIP notification number (Hungary)	4f05f3f3-b999-4b47-b363-052cf63e59e8
SCIP notification number (Italy)	e1d8976c-6f0c-4771-980a-6efaef62e69e
SCIP notification number (Netherlands)	35fe7c6c-6374-4e8f-85ad-ac900d006f19

Continued on next page

Environmental Product Compliance

SCIP notification number (Poland)	068d6cc2-331f-498c-a6a6-192f3b6afa1d
SCIP notification number (Romania)	2d174db3-e74e-4b9f-bde8-d8c218c6ce14
SCIP notification number (Sweden)	b4a435f2-fa52-4259-bce8-c398bbd30312

Approvals / Certificates

General approvals

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5402/040-010

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5402/040-010	19.02.2019	xml 3.24 KB
756-5402/040-010	20.09.2017	doc 26.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe
756-5402/040-010