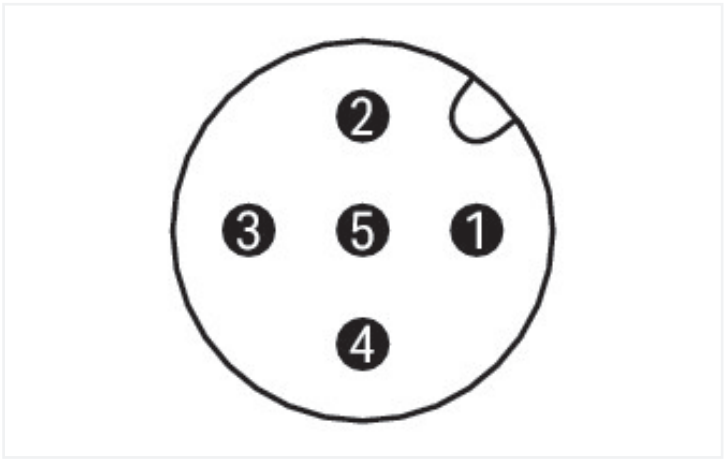
Data Sheet | Item Number: 756-5311/060-100

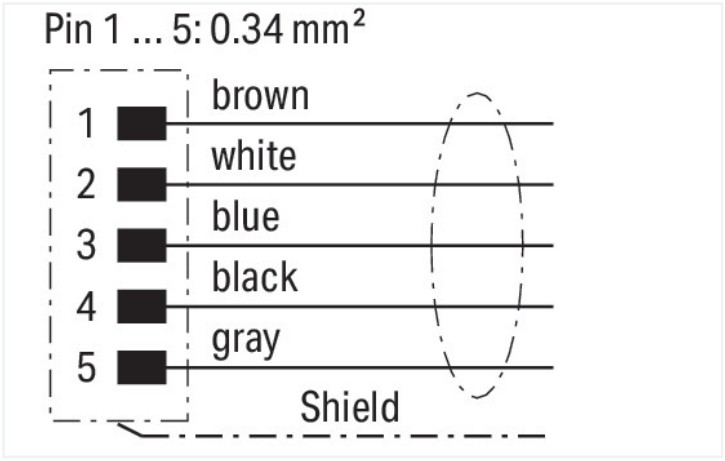
Sensor/Actuator cable; M12A plug; straight; 5-pole; Length: 10 m

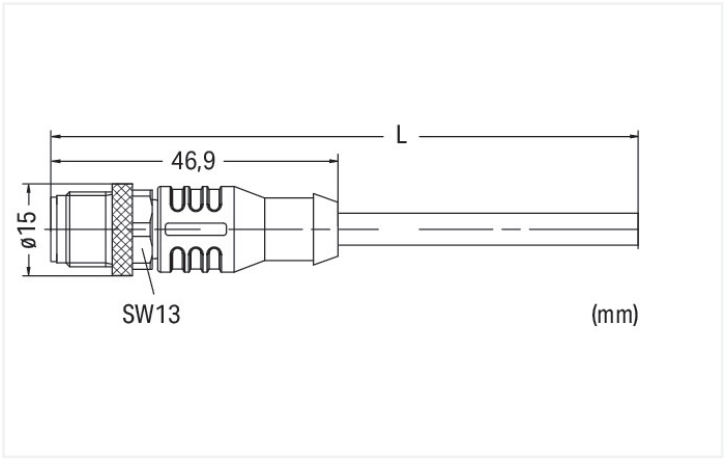
https://www.wago.com/756-5311/060-100





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	1.5 kV
Insulation resistance	>10⁹ 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	10 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 plug - free end
Pole number	5
Cable connection direction to mating direction	0 °
Connector interface coding (cable/adapter) 1 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	1 Nm

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454942199
Customs tariff number	85444290900

Product Classification

UNSPSC	26121609
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)	e403bf35-dac9-4a86-a3fc-4f6869cb4a9c
SCIP notification number (Belgium)	09d02549-2b7c-4b16-976b-cddaa015d572
SCIP notification number (Bulgaria)	731de109-d79c-42a1-865b-24e46122e3ee
SCIP notification number (Czech Republic)	65ac237f-2539-4391-b88e-524554d70758
SCIP notification number (Denmark)	50f9e57f-1046-4c7f-9020-f903f6986db1
SCIP notification number (Finland)	6f0640f0-2b05-4a15-907d-d33a28f14dda
SCIP notification number (France)	62850080-ade3-4e59-afc4-44a036df6a3a
SCIP notification number (Germany)	5f218f28-cd07-41d4-8cf7-4f27c6f559f9
SCIP notification number (Hungary)	42b6ae4b-e13f-4f30-903b-addeba6692dc
SCIP notification number (Italy)	77393ac8-835a-4e70-80a1-7929b89f7ebc
SCIP notification number (Netherlands)	a9689b00-02e1-4b96-ade6-357a2145131b
SCIP notification number (Poland)	77f04905-978c-4845-bf44-cb3142245194
SCIP notification number (Romania)	9f5ab814-5c2c-4f42-99a3-b00a3263cf4b
SCIP notification number (Sweden)	1bcff06c-f0a2-4277-a81d-113f9d31f1b3

Continued on next page

Approvals / Certificates

General approvals

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5311/060-100

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5311/060-100	19.02.2019	xml 3.28 KB
756-5311/060-100	20.09.2017	doc 27.00 KB

CAD/CAE-Data

CAE data

WSCAD Universe
756-5311/060-100