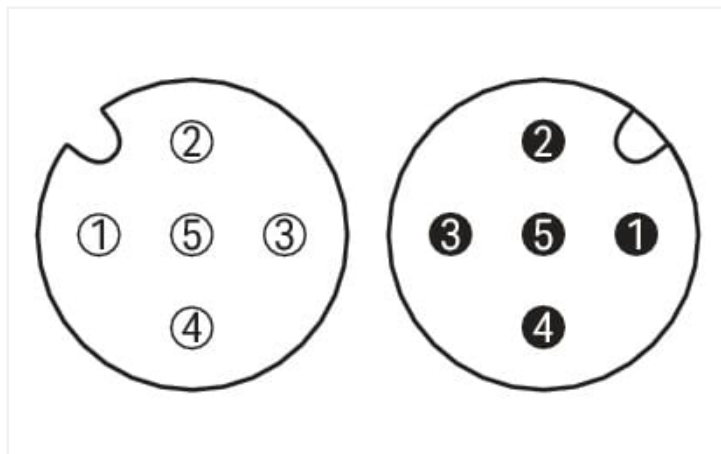


# Data Sheet | Item Number: 756-5403/060-010

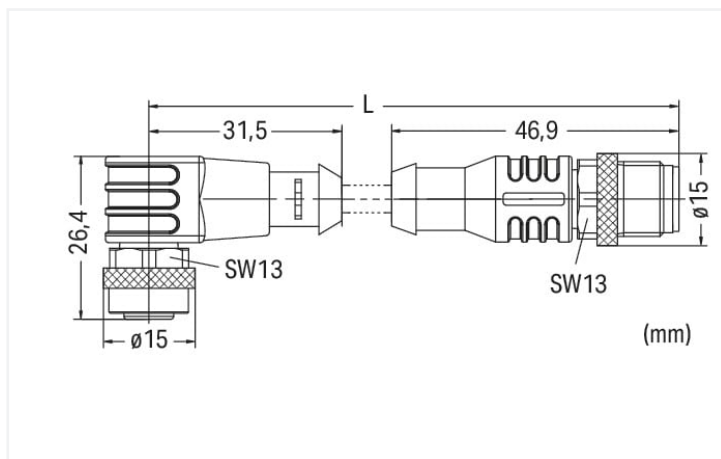
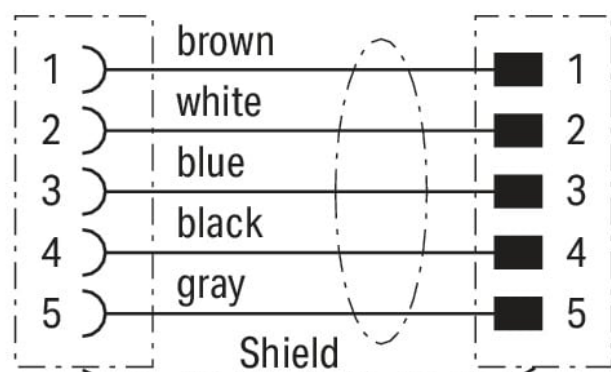
Sensor/Actuator cable; M12A socket; angled; M12A plug; straight; 5-pole; Length: 1 m

<https://www.wago.com/756-5403/060-010>



Similar to illustration

Pin 1 ... 5: 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	1.5 kV
Insulation resistance	$\geq 1.6 \times 10^{10} \Omega/\text{km}$
Contact resistance	10 m $\Omega$
Conductor resistance	< 57 $\Omega/\text{km}$
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	Fixed: >4x $\emptyset$ ; Flexible: >7.5x $\emptyset$
Bending cycles	2 million
Acceleration (min.)	10 m/s <sup>2</sup>
Travel speed (max.)	4 m/s
Travel path (horizontal) max.	15 m
Torsional capacity	180 °/m

## Cable

Cable length	1 m
Type code	Li9YC11Y-HF 5x0.34 mm <sup>2</sup>
Overall shield	Tinned copper braid, optical coverage approx. 80 %
Conductor configuration	Bare copper wire (7 x 0.25 mm)
Conductor insulation	Halogen-free PE
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	6.3 ... 6.7 mm

## Connector

Connection type	M12 Socket - M12 plug
Pole number	5
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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454724603
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)	9f0afba2-3b21-42b3-b8a8-47916dff5f6b
SCIP notification number (Belgium)	885278a3-9ae8-44b4-8335-a98c4d81bef5
SCIP notification number (Bulgaria)	dbbc2006-b839-47ee-992c-fb5eee3594d7
SCIP notification number (Czech Republic)	c9fbd6d4-d26b-4e9c-b319-b85672a559f7
SCIP notification number (Denmark)	c93f1ea1-d765-4889-b745-71e3dad2c4b3
SCIP notification number (Finland)	dd0ce67e-c232-485d-89a3-be55e3730149
SCIP notification number (France)	d6da2c42-1e87-43da-9f92-31556ee9ac8f
SCIP notification number (Germany)	6d18bcfa-0be1-4031-a6b2-1a432c27a657
SCIP notification number (Hungary)	9701b412-1f11-4752-b4a2-ae290c903694
SCIP notification number (Italy)	4fcd30-34ef-40ab-9f02-5527135422cf
SCIP notification number (Netherlands)	d01282d5-e53e-4910-9cf6-7b85391e490f
SCIP notification number (Poland)	64e2caa6-757b-42fc-ac31-a3c121ac08bf
SCIP notification number (Romania)	fb884f62-c330-4e54-8be2-38f0b6f0a81c
SCIP notification number (Sweden)	ef3d4e0d-d6cf-4a06-93d6-130980db099e

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5403/060-010	↓
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Documentation

System Description

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

756-5403/060-010	19.02.2019	xml 3.28 KB	↓
756-5403/060-010	20.09.2017	doc 27.00 KB	↓

CAD/CAE-Data

CAE data

WSCAD Universe 756-5403/060-010	↓
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Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: [www.wago.com](https://www.wago.com)