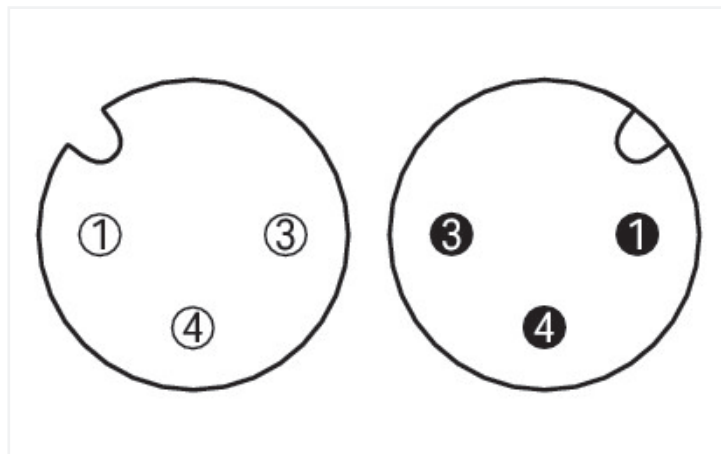


# Data Sheet | Item Number: 756-5401/030-010

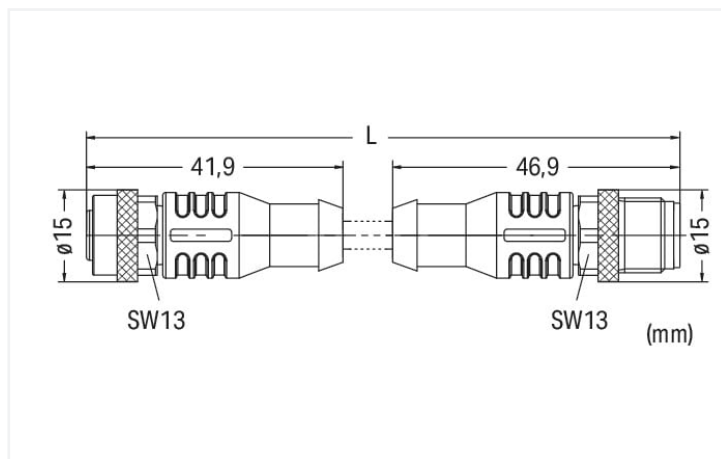
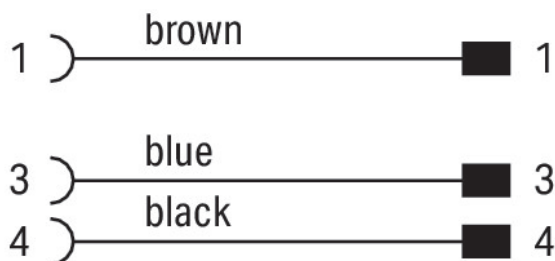
Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 3-pole; Length: 1 m

<https://www.wago.com/756-5401/030-010>



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	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
Sheathed cable diameter	4.1 ... 4.5 mm

Connector	
Connection type	M12 Socket - M12 plug
Pole number	3
Cable connection direction to mating direction	0 °
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	4044918975025
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)	6f6fa348-d70e-4081-9335-13850dbcc1c5
SCIP notification number (Belgium)	16ca77a3-f0de-408d-b997-23ce647ed23a
SCIP notification number (Bulgaria)	8451327d-2f68-4370-bc04-fd9fb19e43c6
SCIP notification number (Czech Republic)	9db9f3ec-b763-4dd8-94bf-c3aa9ccb8441
SCIP notification number (Denmark)	01befc6d-537e-4a0f-a7c7-23e0713af850
SCIP notification number (Finland)	4872629b-8379-4d56-b6f8-4cf10d9a9f32
SCIP notification number (France)	46eb572c-ac79-41ad-b8ab-36683abf3f59
SCIP notification number (Germany)	e4b3d21a-abde-46bf-a8d7-495b3a04a5e2
SCIP notification number (Hungary)	ea5a7e2e-ceb7-41cb-8612-32c25b0c6458
SCIP notification number (Italy)	7edf4076-5a8a-4e17-bb31-c18b313e1be5
SCIP notification number (Netherlands)	a2d76c7d-3218-4c12-a33b-589fa1eff987
SCIP notification number (Poland)	acdcb0c-7735-4057-8f18-6080bcd03ace
SCIP notification number (Romania)	57c4ecd5-dd8c-4739-91c4-e3b68784062c
SCIP notification number (Sweden)	bd9b5d7a-b535-44fd-91cd-630db0b5a490

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5401/030-010	↓
---	---

Documentation

System Description

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

Bid Text

756-5401/030-010	20.09.2017	doc 26.50 KB	↓
756-5401/030-010	19.02.2019	xml 3.20 KB	↓

CAD/CAE-Data

CAE data

WSCAD Universe 756-5401/030-010	↓
------------------------------------	---

Subject to changes. Please also observe the further product documentation!

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