

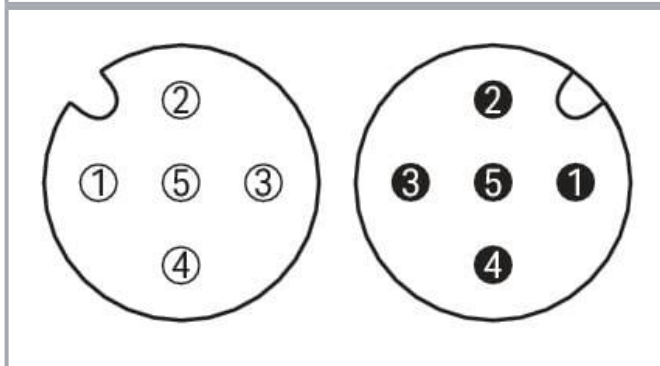
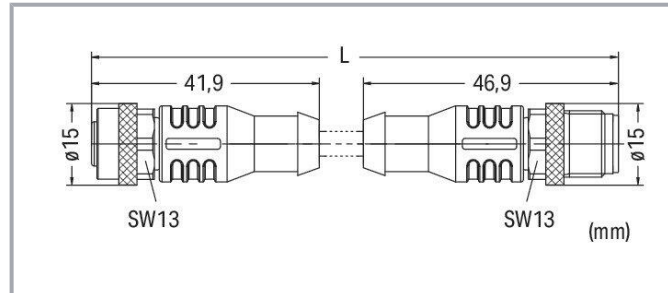
Data sheet | Item number: 756-5401/050-010

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

www.wago.com/756-5401/050-010



 Picture differs from the item.



Pin 1 ... 5: 0.34 mm²

1	brown	1
2	white	2
3	blue	3
4	black	4
5	gray	5

Item description

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

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

WAGO GmbH & Co. KG
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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Data

Technical data

General information

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	1.5 kV
Insulation resistance	$> 10^9 \Omega$
Contact resistance	10 m Ω
Conductor resistance	$\leq 60 \Omega/\text{km}$
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	10 x cable diameter (min.)
Bending cycles	2 Mio.
Acceleration (min.)	5
Travel speed (max.)	3.33
Travel path (horizontal) max.	5
Travel path (vertical) max.	2
Torsional capacity	180

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	4.8 ... 5.2 mm

Connector

Connection type	M12 Socket - M12 plug
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Pole number	5
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adaptor) 1 1	A-coded
Connector interface coding (cable/adaptor) 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	4044918975605
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)	9a5513d9-0e88-4c0f-b914-e3f34dffbf8b
SCIP notification number (Belgium)	3318572d-82f4-4f2c-94ed-a8bb094d2f8b
SCIP notification number (Bulgaria)	82fd0d23-d9bb-4945-8b3e-fa7739b8086e
SCIP notification number (Czech Republic)	5a33a36e-59c0-4f1a-9e45-693750e51707
SCIP notification number (Denmark)	3281ee9b-5910-4817-85f7-8de39977b054
SCIP notification number (Finland)	def7450e-ac5f-48ae-a6ac-47b5f9647cf1
SCIP notification number (France)	0f438831-1607-46ca-bd83-f708b01fa4a5
SCIP notification number (Germany)	32f5f688-590a-4981-9eb6-7247d9376bcd
SCIP notification number (Hungary)	c4595591-98dd-4f21-8e76-264c3b8733f8
SCIP notification number (Italy)	97e8ca52-fe0c-479e-ac71-8a768862f0ae
SCIP notification number (Netherlands)	d649d7be-4e15-4346-8d3c-c2f8f753ebf7
SCIP notification number (Poland)	926d8a72-98f2-4fcf-bb55-3465be4272a7

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SCIP notification number (Romania)	2de21707-e5a1-4b25-a2b4-00936ed98059
SCIP notification number (Sweden)	56c2afb8-5792-4242-a48d-a59d5e110c53

Commercial data

eCl@ss 9.0
ETIM 8.0
ETIM 7.0
Customs tariff number

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 2238	E519602

Downloads

Documentation

Bid Text

756-5401/050-010 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5401/050-010 doc - Datei	2017 Sep 20	doc 27.1 kB	Download

System Description

IP67 Cables and Pluggable Connectors	pdf 130.8 kB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 756-5401/050-010	URL	Download
WSCAD Universe 756-5401/050-010	URL	Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5401/050-010	URL	Download
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Installation Notes

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