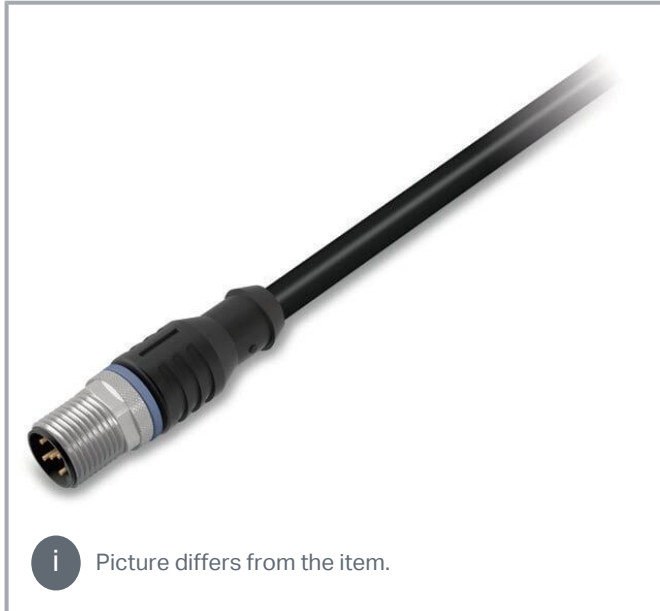


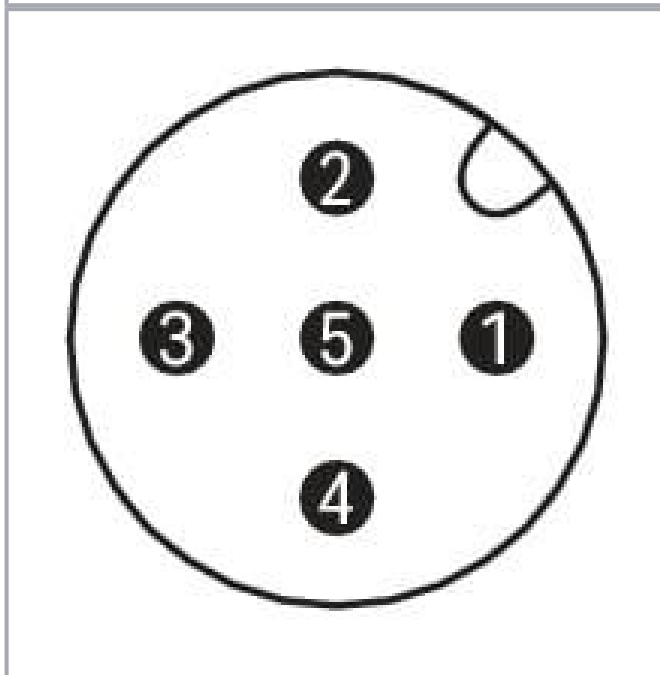
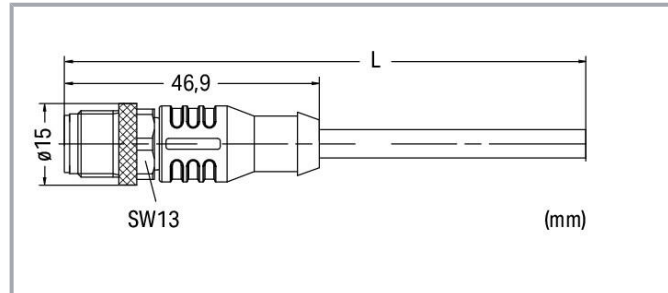
Data sheet | Item number: 756-5311/050-015

Sensor/Actuator cable; M12A plug; straight; 5-pole; Length: 1.5 m

www.wago.com/756-5311/050-015



 Picture differs from the item.



Pin 1 ... 5: 0.34 mm²

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

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

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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

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



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 plug - free end
Pole number	5
Cable connection direction to mating direction	0 °
Connector interface coding (cable/adaptor) 1 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	4045454942120
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, With Exemption
RoHS Exemption	6(c)

Commercial data

eCl@ss 9.0
ETIM 8.0
ETIM 7.0
Customs tariff number

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

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Approvals / Certificates

General approvals

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

Downloads

Documentation

Bid Text

756-5311/050-015 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5311/050-015 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 756-5311/050-015	URL	Download
WSCAD Universe 756-5311/050-015	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5311/050-015 Sensor/Actuator cable; M12A plug; straight; 5-pole; Length: 1.5 m	URL	Download
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Subject to changes. Please also observe the further product documentation!



Installation Notes

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

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