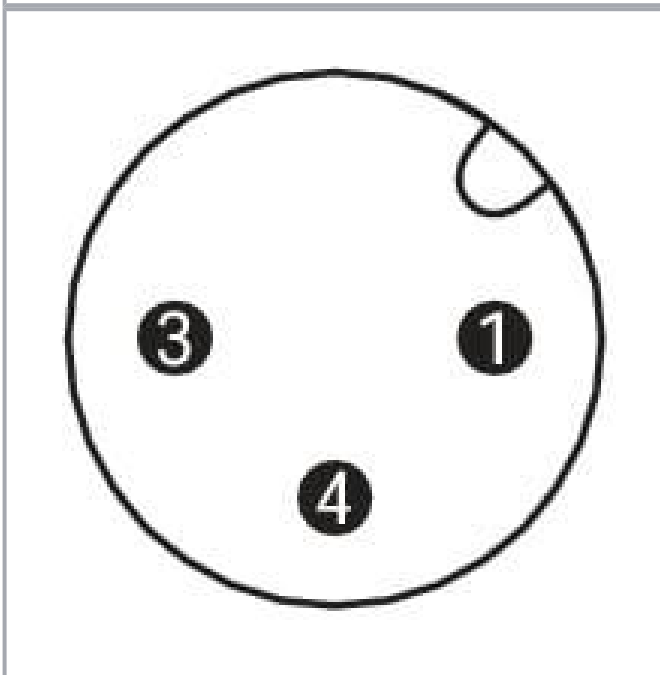
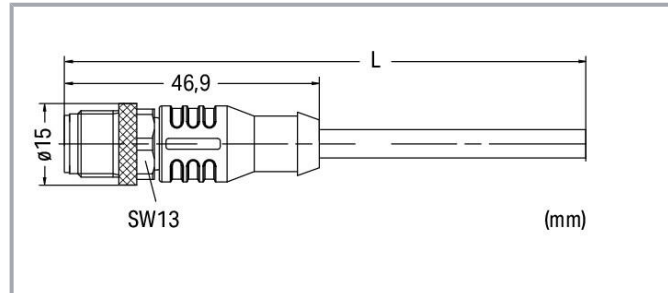


Data sheet | Item number: 756-5311/030-050

Sensor/Actuator cable; M12A plug; straight; 3-pole; Length: 5 m

www.wago.com/756-5311/030-050



Pin 1 ... 4: 0.34 mm²

- 1 ■ brown
- 3 ■ blue
- 4 ■ black

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	2.5 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 diameter (min.)	86
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

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Cable

Cable length	5 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 plug - free end
Pole number	3
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

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	4045454942069
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)

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SCIP notification number (Austria)	8ea9dccc-d154-4b53-beb5-a124c113c453
SCIP notification number (Belgium)	cb7e1642-aa64-46da-82f3-7a777e380e2c
SCIP notification number (Bulgaria)	b482debe-4c8d-43da-9116-315bb4ed61d3
SCIP notification number (Czech Republic)	821baa26-44cd-4b82-a1bf-34261831c3be
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SCIP notification number (Finland)	91fa3dba-9fcd-4e7e-983a-fa5f91bdd432
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SCIP notification number (Italy)	29d2290e-9ae8-43fd-8236-e9031b6c2595
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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

756-5311/030-050	2019 Feb 19	xml 3.3 kB	Download
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System Description

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

CAE data

WSCAD Universe 756-5311/030-050	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5311/030-050 Sensor/Actuator cable; M12A plug; straight; 3-pole; Length: 5 m	URL	Download
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Installation Notes

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