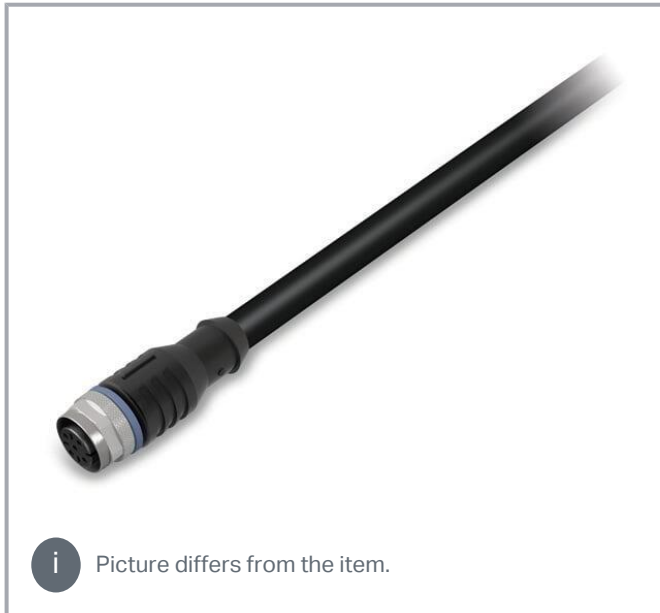


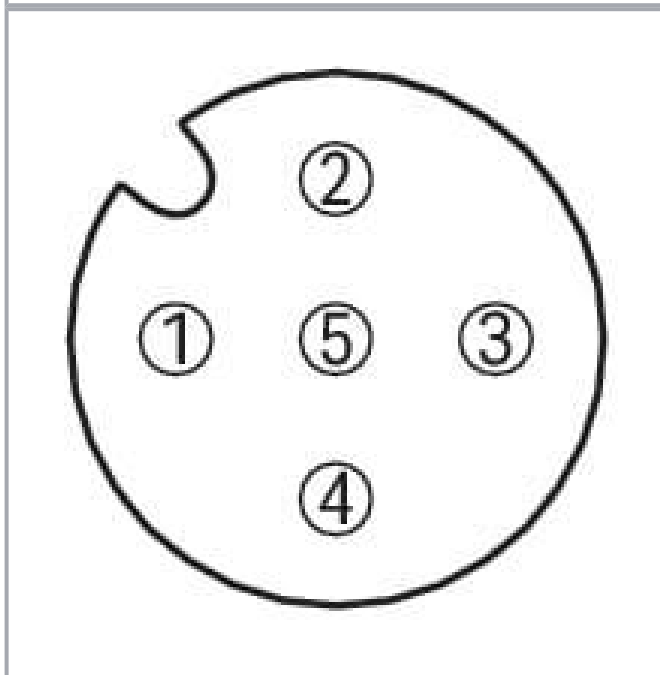
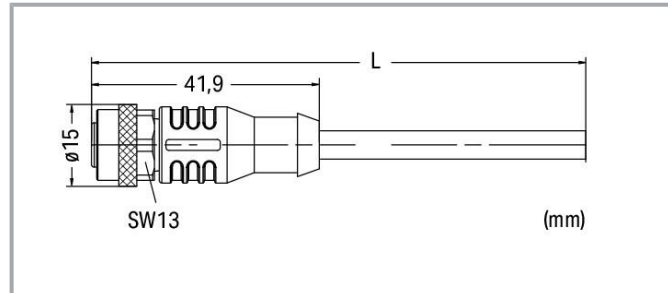
Data sheet | Item number: 756-5301/050-100

Sensor/Actuator cable; M12A socket; straight; 5-pole; Length: 10 m

www.wago.com/756-5301/050-100



 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	10 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 Socket - 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	4045454942014
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)	848513f3-2bf6-4b47-b437-2370bc6537ef
SCIP notification number (Belgium)	9a5fbb5b-707e-4dfe-9858-8e660f8ee120
SCIP notification number (Bulgaria)	e22f2816-7e03-4885-b3eb-f3de2cda8df2
SCIP notification number (Czech Republic)	eb2b2fb5-008f-4853-ba47-49b4d1ad4b5d

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SCIP notification number (Denmark)	7e41eb0f-1f06-45a5-aba6-b91c0be601d2
SCIP notification number (Finland)	19d942f7-06c6-472b-b555-23597013024c
SCIP notification number (France)	5cd3fd53-05a3-4216-a179-7b9be1fc5919
SCIP notification number (Germany)	38a676a9-44d4-4dab-b230-a94d975ae8c2
SCIP notification number (Hungary)	5cb75748-967c-4b17-81b5-6270a0aceca3
SCIP notification number (Italy)	1f2efba5-ab55-4ff3-a79c-c5de06775a23
SCIP notification number (Netherlands)	9af4f733-46d7-44af-bce7-75e1905d631f
SCIP notification number (Poland)	59311e52-33cb-4dc1-8c66-b53dd0cd7b10
SCIP notification number (Romania)	b06ce1a1-bbd5-48ec-8f3d-a1935ea5d8cd
SCIP notification number (Sweden)	767221cd-3e35-48aa-a210-7aedf73ae2fa

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

756-5301/050-100 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5301/050-100 doc - Datei	2017 Sep 20	doc 27.1 kB	Download

System Description

IP67 Cables and Pluggable Connectors	pdf	Download
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130.8 kB

CAD/CAE-Data

CAE data

WSCAD Universe 756-5301/050-100	URL	Download
WSCAD Universe 756-5301/050-100	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5301/050-100	URL	Download
Sensor/Actuator cable; M12A socket; straight; 5-pole; Length: 10 m		

Installation Notes

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