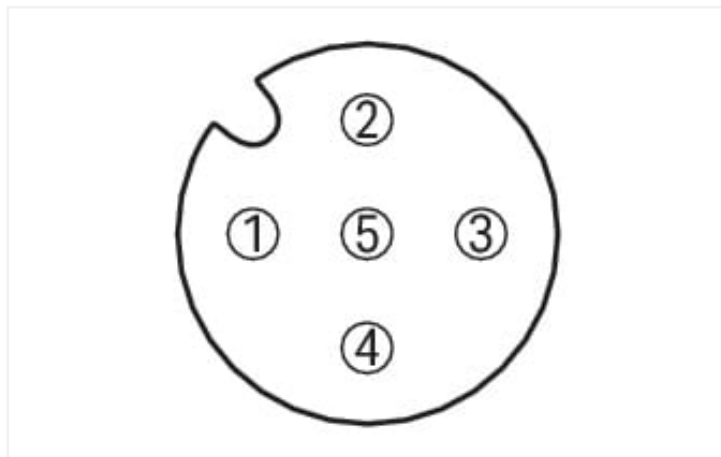


Data Sheet | Item Number: 756-5301/060-050

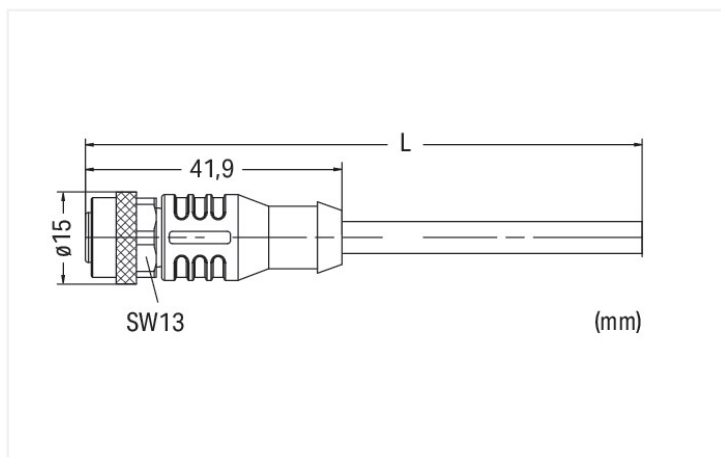
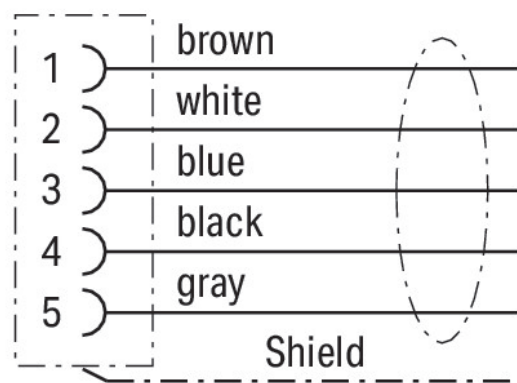
Sensor/Actuator cable; M12A socket; straight; 5-pole; Length: 5 m

<https://www.wago.com/756-5301/060-050>



Similar to illustration

Pin 1 ... 5: 0.34 mm²



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	1.5 kV
Insulation resistance	$\geq 1.6 \times 10^{10} \Omega/\text{km}$
Contact resistance	10 m Ω
Conductor resistance	< 57 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	Fixed: >4x \emptyset ; Flexible: >7.5x \emptyset
Bending cycles	2 million
Acceleration (min.)	10 m/s ²
Travel speed (max.)	4 m/s
Travel path (horizontal) max.	15 m
Torsional capacity	180 °/m

Cable	
Cable length	5 m
Type code	Li9YC11Y-HF 5x0.34 mm ²
Overall shield	Tinned copper braid, optical coverage approx. 80 %
Conductor configuration	Bare copper wire (7 x 0.25 mm)
Conductor insulation	Halogen-free PE
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	6.3 ... 6.7 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	4045454724672
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



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


Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 756-5301/060-050

Documentation

System Description


IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	
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Bid Text

756-5301/060-050	19.02.2019	xml 3.28 KB	
756-5301/060-050	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5301/060-050	
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