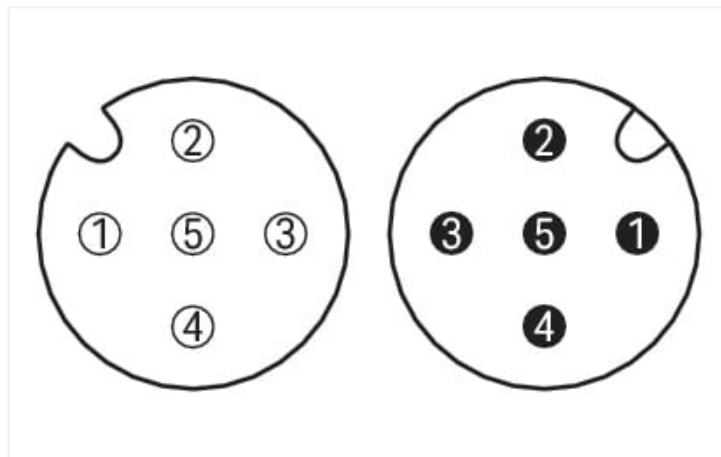


Data Sheet | Item Number: 756-5401/060-100

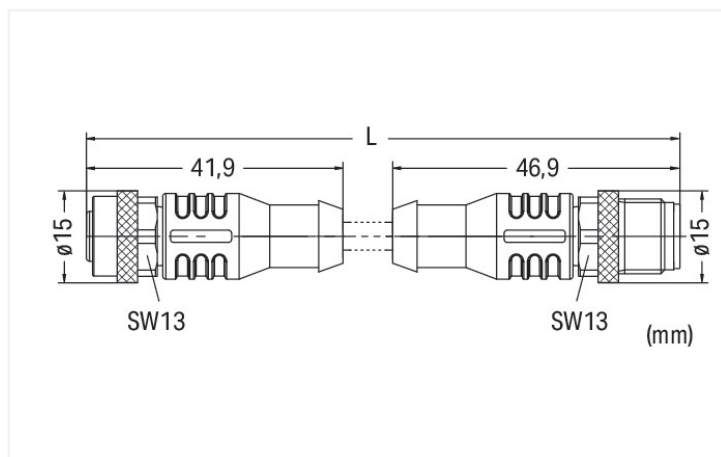
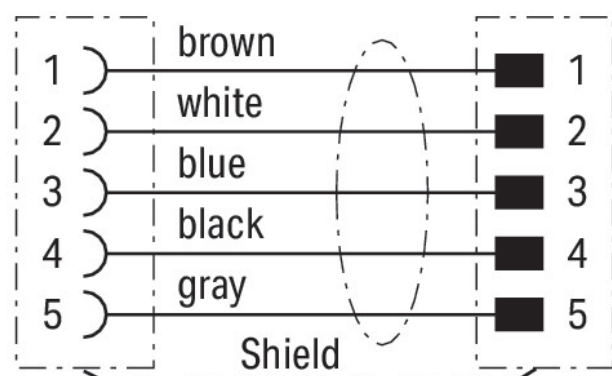
Sensor/Actuator cable; 5-pole; Length: 10 m

<https://www.wago.com/756-5401/060-100>



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		Connector	
Cable length	10 m	Connection type	M12 Socket - M12 plug
Type code	Li9YC11Y-HF 5x0.34 mm ²	Pole number	5
Overall shield	Tinned copper braid, optical coverage approx. 80 %	Cable connection direction to mating direction	0 °
Conductor configuration	Bare copper wire (7 x 0.25 mm)	Cable connection direction to mating direction (2)	0 °
Conductor insulation	Halogen-free PE	Connector interface coding (cable/adapter) 1 1	A-coded
Sheath material	Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing	Connector interface coding (cable/adapter) 2 1	A-coded
Sheathed cable color	black	Housing material	Polyurethane (PUR)
Sheathed cable diameter	6.3 ... 6.7 mm	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	4050821844112
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 756-5401/060-100	

Documentation

System Description

IP67 Cables and Plug-
gable Connectors

pdf
157.80 KB

