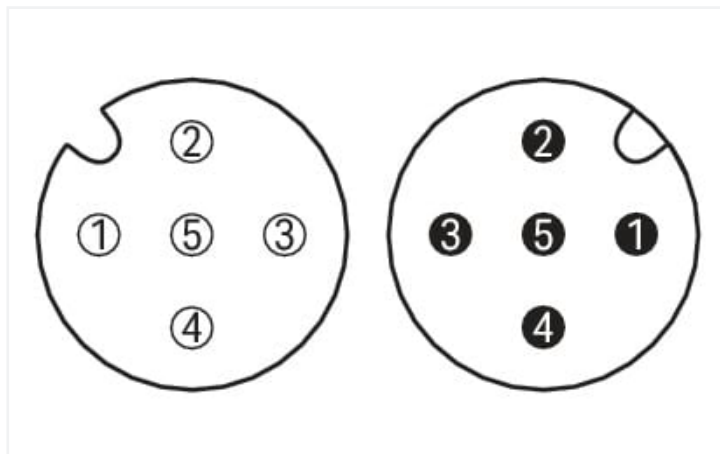


# Data Sheet | Item Number: 756-5403/060-050

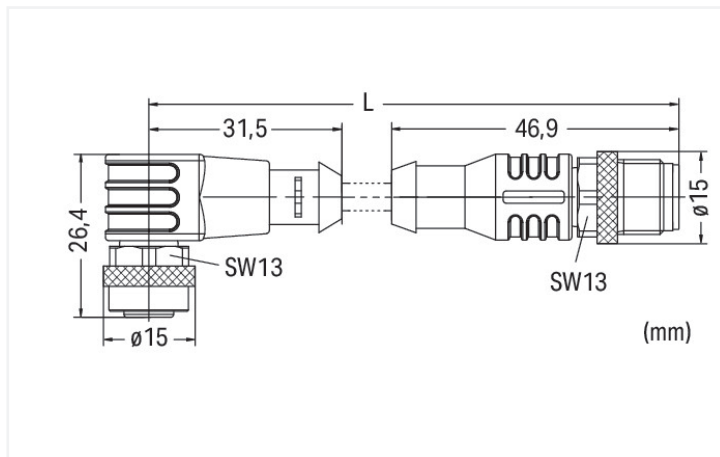
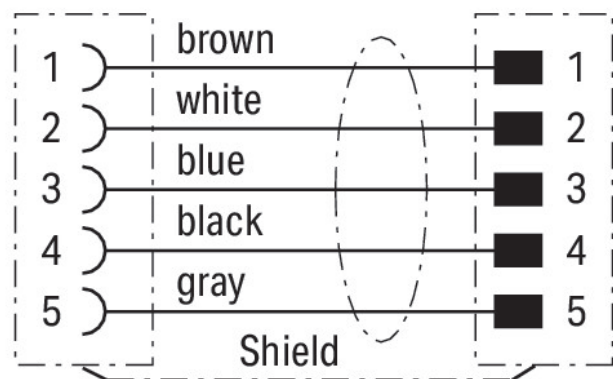
Sensor/Actuator cable; M12A socket; angled; M12A plug; straight; 5-pole; Length: 5 m

<https://www.wago.com/756-5403/060-050>



Similar to illustration

Pin 1 ... 5: 0.34 mm<sup>2</sup>



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	≥1.6 x 10 <sup>10</sup> Ω/km
Contact resistance	10 mΩ
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: >4xØ; Flexible: >7.5xØ
Bending cycles	2 million
Acceleration (min.)	10 m/s <sup>2</sup>
Travel speed (max.)	4 m/s
Travel path (horizontal) max.	15 m
Torsional capacity	180 °/m

Cable		Connector	
Cable length	5 m	Connection type	M12 Socket - M12 plug
Type code	Li9YC11Y-HF 5x0.34 mm <sup>2</sup>	Pole number	5
Overall shield	Tinned copper braid, optical coverage approx. 80 %	Cable connection direction to mating direction	90 °
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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4050821340256
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 756-5403/060-050	↓

Documentation

System Description

IP67 Cables and Plug-  
gable Connectors

pdf  
157.80 KB

