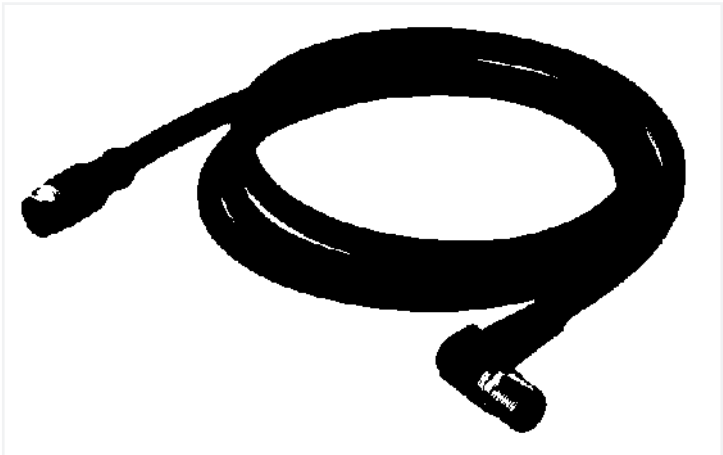
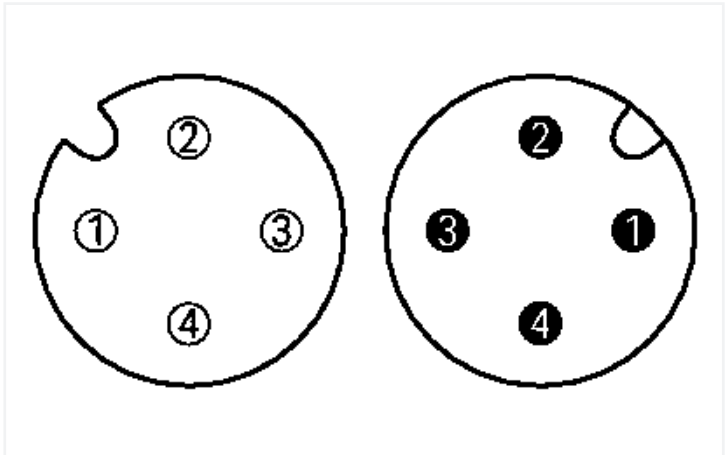
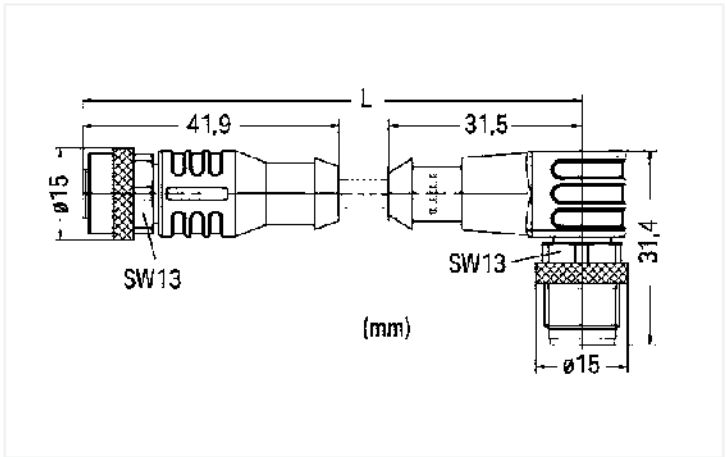
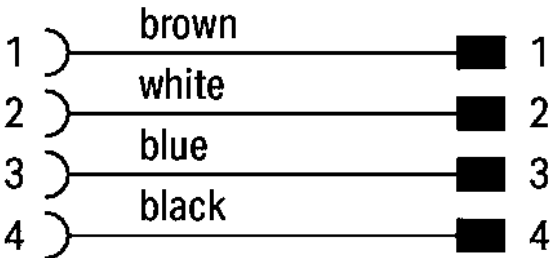




Similar to illustration



Pin 1 ... 4: 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		Suitable for drag chains	
Operating voltage	250 VAC/DC	Bending radius	10 x cable diameter (min.)
Operating current	4 A	Bending cycles	2 million
Rated surge voltage	2.5 kV	Acceleration (min.)	5
Contact resistance	10 mΩ	Travel speed (max.)	3.33 m/s
Conductor resistance	≤ 60 Ω/km	Travel path (horizontal) max.	5 m
Pollution degree (5)	3 per VDE 0110	Travel path (vertical) max.	2 m
Protection type	IP67	Torsional capacity	180 °/m
Ambient (operating) temperature (static)	-50 ... +90 °C		
Ambient (operating) temperature (dynamic)	-25 ... +90 °C		



Cable	
Cable length	2 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	4.5 ... 4.9 mm

Connector	
Connection type	M12 Socket - M12 plug
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	90 °
Connector interface coding (cable/adapter) 1 1	A-coded
Connector interface coding (cable/adapter) 2 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)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918975544
Customs tariff number	85444290900

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5402/040-020

↓

Documentation



System Description		
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Additional Information		
EU-Declaration of Con-formity	pdf 90.86 KB	

Bid Text			
756-5402/040-020	19.02.2019	xml 3.24 KB	
756-5402/040-020	20.09.2017	doc 26.50 KB	

CAD/CAE-Data	
CAE data	
WSCAD Universe 756-5402/040-020	