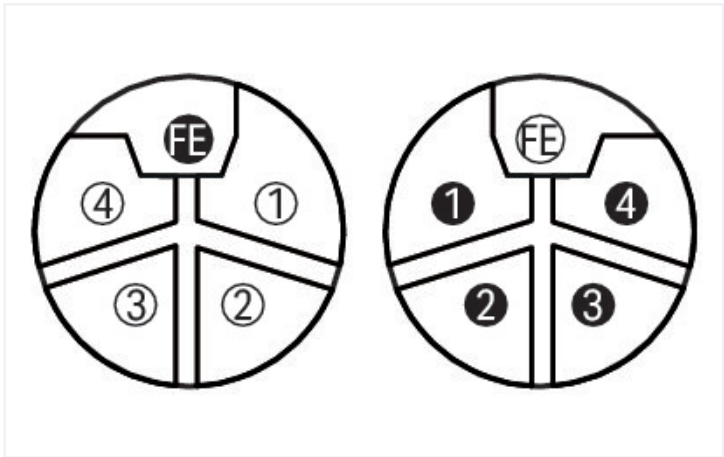
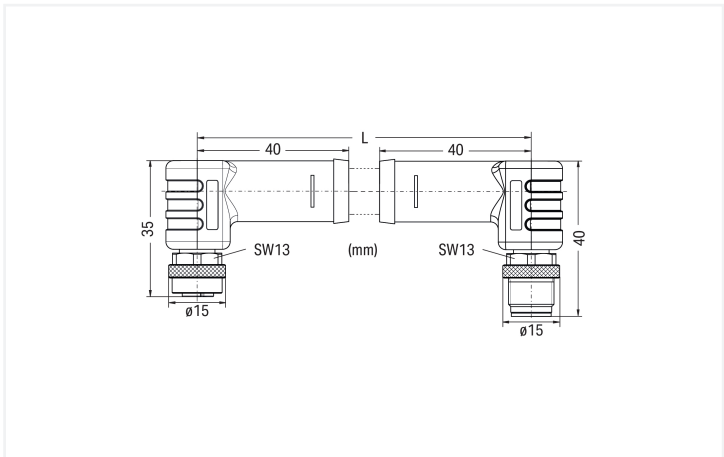




Pin 1 ... 4/FE: 1.5 mm²

1	brown	1
2	white	2
3	blue	3
4	black	4
FE	gray	FE



Short description:
These power cables are an accessory for the WAGO I/O System Field.
Use them as flexible, flame-retardant and halogen-free supply cables for industrial mechanical engineering applications – particularly those with high requirements, e.g., for use in cable chains (drag chains) and moving machine parts.

- Strong resistance to microbes and hydrolysis
- Good to very good weather resistance (UV and ozone)
- High resistance against welding sparks
- Excellent chemical and oil resistance
- Silicon- and PVC-free
- Free from paint-wetting impairment substances
- Flexible at low temperatures

Technical data			
General information		General information	
Operating voltage	63 VDC per IEC 60664-1	Protection type	IP68
Operating current	16 A	Ambient temperature (operation)	-40 ... +90 °C (UL max. +80 °C)
Rated impulse withstand voltage	1.5 kV per IEC 61076-2-111	Ambient (operating) temperature (static)	-40 ... +90 °C
Insulation resistance	≥10 ⁹ Ω	Ambient (operating) temperature (dynamic)	-30 ... +90 °C
Contact resistance	5 mΩ		
Conductor resistance	≤ 13.7 Ω/km		
Pollution degree	3 per IEC 60664-1		



Drag chain compatible	
Ambient air (operating) temperature in drag chain	-25 ... +60 °C
Bending radius	Fixed: >4xØ; Flexible: >7.5xØ
Bending cycles	10 million
Torsional capacity	270 °/m

Other properties	
Note	Exclusion of hazardous substances per: 200/53/EC, 2003/11/EC, (EC) No. 1907/2006, 2015/863/EU

Cable	
Cable length	0.5 m
Type code	LiF9YH-11Y-0B 5x1.5mm²
Cable type	Design per UL + CSA Style 20234
Conductor configuration	Bare copper wire (84 x 0.15 mm)
Conductor insulation	PP9Y (halogen-free)
Sheath material	Polyurethane (PUR), halogen-free per VDE 0472, Part 815; flame-retardant per IEC 60332-1-2, VDE 0482-332-1-2, UL vertical Flame test VW-1, CSA FT-1
Sheathed cable color	gray

Connector	
Connection type	M12 Socket - M12 plug
Pole number	5
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	90 °
Connector interface coding (cable/adaptor) 1 1	L-coded
Housing material	TPU/TPU, black (~ RAL 9005)
Contact material (connector)	CuZn
Contact plating (connector)	Ni/Au (0.2 µm Au over Ni)
Connector	Hexagon knurled nut: CuZn; Knurled nut surface: nickel-plated; Sealing ring: FPM/ FKM
Tightening torque	1 Nm

Commercial data		
PU (SPU)		1 pcs
Packaging type		unpacked
Country of origin		DE
GTIN		4055143982092
Customs tariff number		85444290900

Product Classification		
UNSPSC		26121604
ETIM 9.0		EC001855
ETIM 10.0		EC001855
ECCN		NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 2237	E519600



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 756-3506/050-005	