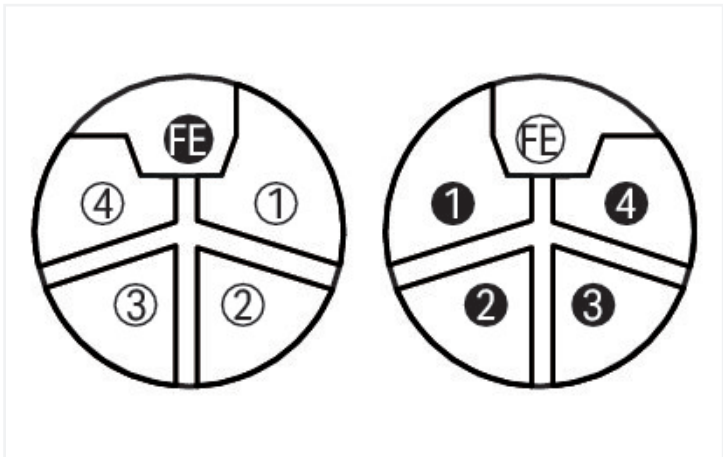
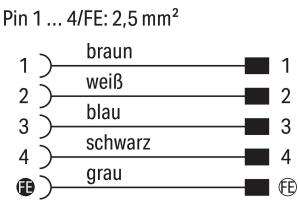


Short description:
These power cables are accessories for the WAGO I/O System Field. Designed for industrial mechanical engineering applications, they serve as flexible, flame-retardant, and halogen-free supply cables – ideal for demanding environments such as cable chains (drag chains) and moving machine components.

- 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 ⁸ Ω	Ambient (operating) temperature (dynamic)	-30 ... +90 °C
Contact resistance	5 mΩ		
Conductor resistance	≤ 8.21 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

Cable	
Cable length	40 m
Type code	LiF9YH-11Y-0B 5x2.5mm²
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

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

Connector	
Connection type	M12 Socket - M12 plug
Pole number	5
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	0 °
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		4066966536539
Customs tariff number		85444290900

Product Classification		
UNSPSC		26121629
ETIM 9.0		EC001855
ETIM 10.0		EC001855
ECCN		NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-3515/050-400

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Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com