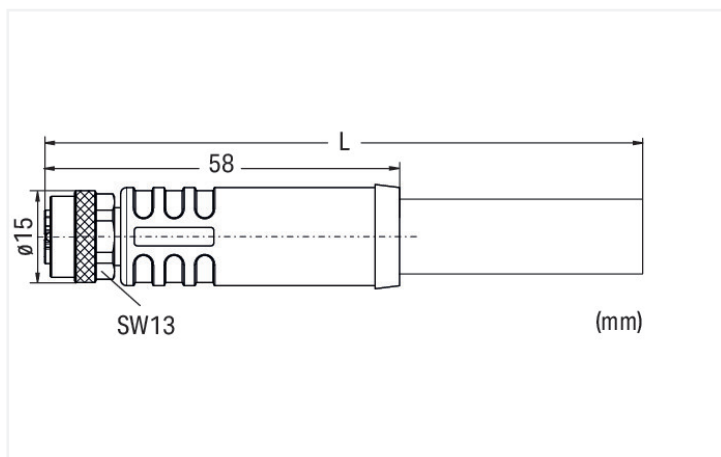


Pin 1 ... 4/FE: 1.5 mm<sup>2</sup>

1	brown
2	white
3	blue
4	black
FE	gray



**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**

Operating voltage	63 VDC per IEC 60664-1
Operating current	16 A
Rated surge voltage	1.5 kV per IEC 61076-2-111
Insulation resistance	1000 MΩ
Contact resistance	5 mΩ
Conductor resistance	≤ 13.7 Ω/km
Pollution degree	3 per IEC 60664-1
Protection type	IP68
Ambient temperature (operation)	-40 ... +90 °C (UL max. +80 °C)
Ambient (operating) temperature (static)	-40 ... +90 °C

**General information**

Ambient (operating) temperature (dynamic)	-30 ... +90 °C
---	----------------

### Drag chain compatible

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

### Cable

Cable length	5 m
Type code	LiF9YH-11Y-0B 5x1.5mm <sup>2</sup>
Conductor configuration	Bare copper wire (84 x 0.15 mm)
Conductor insulation	PP9Y (halogen-free)
Sheathed cable color	gray
Sheathed cable diameter	9.6 ... 10.2 mm

### 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 - free end
Cable connection direction to mating direction	0°
Connector interface coding (cable/adaptor) 1 1	L-coded
Housing material	TPU/TPU, black (~ RAL 9005)
Connector	Hexagon knurled nut: CuZn; Knurled nut surface: nickel-plated; Sealing ring: FPM/FKM
Tightening torque	1 Nm

### Commercial data

ETIM 8.0	EC001855
ETIM 7.0	EC003249
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143974431
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 2237	E519600

### Downloads

#### Environmental Product Compliance



Compliance Search

Environmental Product

Compliance

756-3501/050-050

