



## **Connecting cable NEBU- M8G3-K-2.5-LE3 541333**

URL:<https://www.sxplc.com/connecting-cable-nebu-m8g3-k-2-5-le3-541333>

### **Product data sheet**

Compliant with standards

Wire color and connection number, in accordance with EN 60947-5-2 standard

EN 61076-2-104

explosion-proof

The information in the certificate must be followed!

Zone 2 (ATEX)

Zone 22 (ATEX)

Cable identification

With 2x label clip

Product weight

64 g

Electrical Interface 1, Function

On site equipment end

Electrical Interface 1, Design

rotundity

Electrical interface 1, connection type

Socket

Electrical interface 1, cable outlet

Inline equation

Electrical interface 1, connecting the system

M8x1, A-code, compliant with EN 61076-2-104 standard

Electrical interface 1, interface/number of wire cores

three

Electrical Interface 1, Interface/Core Used

three

Electrical interface 1, installation type

Screw lock

Electrical Interface 1, Interface Style

00991871

Electrical Interface 2, Function

Controller end

Electrical Interface 2, Interface Type

Cable

Electrical interface 2, connecting the system

Open

Electrical interface 2, interface/number of wire cores

three

Electrical interface 2, number of interfaces/cores used

three

Working voltage range DC

0 V ... 60 V

Working voltage range AC

0 V ... 60 V

Rated current at 40 ° C

3 A

Surge resistance

1.5 kV

Cable length

2.5 m

Cable characteristics

standard

Cable testing conditions

Bending strength: in accordance with Festo standards

Provide testing conditions as required

Drag chain:>5 million cycles, bending radius of 75 mm

Bending radius, fixed cable

12 mm

Bending radius, moving cables

39 mm

Cable diameter

3.8 mm

Cable diameter tolerance

$\pm 0.1$  mm

Cable structure

3 x 0.25 mm<sup>2</sup>

Nominal cross-sectional area of conductor

0.25 mm<sup>2</sup>

Protection level

IP65

IP68

IP69K

Protection level description

In the assembled state

features

Oil resistant

ambient temperature

-25 °C ... 70 °C

Environmental temperature with mobile cables

-5 °C ... 70 °C

CE certification (see declaration of conformity)

Compliant with EU Low Voltage Directive

Compliant with EU RoHS Directive

CE marking (see declaration of conformity)

Compliant with UK RoHS Directive

Complies with UK electrical equipment regulations

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B2-L

Material Description

RoHS compliance

Halogen free

Phosphate free

class of pollution

three

Corrosion resistance grade CRC

2- Moderate corrosion resistance

Cable sheath material

TPE-U(PUR)

Cable sheath color

grey

Shell material

TPE-U(PUR)

Shell color

black

Material of screw fastening lock

Nickel plated brass

Sealing material

NBR

Electrical contact material

Gold-plated copper alloy

Insulation sheath material

PP



