



## Connecting Cable With Socket for Vibration Transmitter EVC003

URL:<https://www.sxplc.com/connecting-cable-with-socket-for-vibration-transmitter-etc003>

### Product data sheet

Applications

Special Properties

Silicone-free resins; Halogen-free; Gold-plated contacts; Traction chain suitability

Silicone-free

Available

Electrical data

Operating voltage [V]

< 250 AC / < 300 DC

Protection class

II

Maximum total current load [A]

4

Operating conditions

Ambient temperature [°C]

-25.... .90

Note the ambient temperature

cULus: .... .75 °C

Ambient temperature variation [°C]

-25.... .90

Note ambient temperature (moving)

cULus: .... .75 °C

Storage temperature [°C]

-25.... .55

Storage humidity [%]

10.... .100

Other storage climatic conditions in accordance with the stated classes

1K22/ DIN 60721-3-1

Enclosure protection class

ip 65; ip 67; ip 68; ip 69k

Mechanical and technical data

Weight [g]

294.7

Dimensions [mm]

15.5 x 15.5 x 45

Material

Housing: TPU orange; Seal: FKM

Material of knurled nut

brass, nickel-plated

Traction chain suitability

yes

Traction chain suitability

Bend radius for flexible applications

min. 10 x cable diameter

Propagation speed

max. 3.3 m/s for horizontal propagation lengths of 5 m and max. 5 m/s<sup>2</sup> acceleration

Bending cycle

> 5 Mio.

Torsional stress

± 180 °/m

Note

Notes

Please refer to the technical notes under "Downloads".

Packaging unit

1 piece

Electrical connection

Cable: 10 m, PUR, halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

Electrical connection - socket

Connector

Connector: 1 x M12, straight; Translator: A; Locking: brass, nickel-plated; Contacts: gold-plated;

Tightening torque: 0.6...1.5 Nm. .1.5 Nm

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