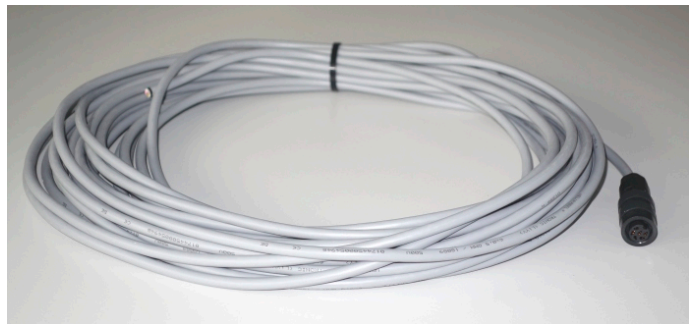




Power cable esiMot M

PVC cable for fixed installation

6x0,5 mm², Ø ca. 6,7 mm, ca. 73 kg/km up to 20 m cable length
5x0,75 mm², Ø ca. 6,9 mm, ca. 80 kg/km from 25 m cable length
for applications that do not require external ballast



Application:

For flexible use with free movement without tensile stress and without forced movement guidance in dry as well as damp and wet rooms, but not outdoors. In other words, wherever the smallest possible control and signal cables are required in the outer diameter due to design or structural measures; in machine, tool and plant construction and in electronics, as well as in computer systems, scales and in measurement and control technology.

Technical data

- Special PVC data cable in based on DIN VDE 0812
- Temperature range flexible -5°C to +80°C fixed -40°C to +80°C
- Peak operating voltage 500 V
- Test voltage 2000 V
- Breakdown voltage 4000 V
- Operating capacity wire/wire at 800Hz: 150 pF/m
- Inductance approx. 0,65 mH/km
- Minimum bending radius flexible 7,5x cable-Ø fixed 4x cable-Ø

Structure

- Bare copper stranded wire, finely stranded to DIN VDE 0295 cl. 5, finely stranded IEC 60228 cl. 5
- Core insulation made of special PVC, Blend type TI2 according to DIN VDE 0207-363-3/DIN EN 50363-3
- Wire marking according to DIN47100, without color repetition
- Cores with optimally matched blow lengths
- Outer jacket made of special PVC blend type TM2 according to DIN VDE 0207-363-4-1/EN 50363-4-1
- Sheath colour grey (RAL 7001)
- with meter marking

Properties

- Largely oil-resistant, chemical resistance see table technical information
- Flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2 / IEC 60332-1-2
- The materials used in the production is silicone and cadmium-free and free from paint wetting impairment substances.



The product conforms to the EC Low Voltage Directive 2006/95/EC.



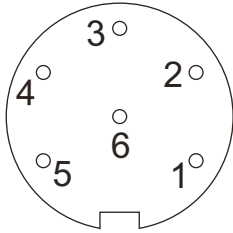
The product is compliant with the EU RoHS Directive 2011/65/EU.

Connector:



6-pin cable socket
cable-Ø 6-8 mm
max. 0,75 mm² (AWG20)
Art.-No.: 630.01409-0

Contact arrangement with view to
solder connections of the plug



Power cable: 6 x 0,5 mm², Ø ca. 6,7 mm

Wire colour	Contact	Assignment
YE	1	Motor supply +24/48/60 V
GN	2	Motor supply +24/48/60 V
BN	3	Logic supply +24 V
WH	4	Mass
GY	5	Mass
PK	6	Ballast

Length	Art.-No.:	Weight
2 m	630.01400-0	0,20
5 m	630.01401-0	0,42
10 m	630.01402-0	0,78
15 m	630.01403-0	1,15
20 m	630.01404-0	1,51



DANGER

The ballast lines are live and must be insulated if no external ballast resistor is used.

Power cable: 5 x 0,75 mm², Ø ca. 6,9 mm (without cable for external ballast)

Wire colour	Contact	Assignment
YE	1	Motor supply +24/48/60 V
GN	2	Motor supply +24/48/60 V
BN	3	Logic supply +24 V
WH	4	Mass
GY	5	Mass

Length	Art.-No.:	Weight
25 m	630.01415-0	2,05 kg
30 m	630.01418-0	2,45 kg
35 m	630.01416-0	2,85 kg

All data in this folder are of informative character without warranty of characteristics. Changes without previous announcement reserved.

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