



Servo harnessing according to SEW®



Benefits

- Servomotors, resolvers and encoder cables for fixed installation or application in power supply chains
- Outer sheath makes them particularly suitable for use in industrial areas

Application range

- Plant engineering
- Servo drives and servo assemblies

Product Make-up

- Design according to specific drive systems:
- Flame-retardant according IEC 60332-1-2

Note

- For the highly flexible version, please observe the assembly guidelines for cables in power chain systems.
- Maximum cable length must comply with the specifications set by the manufacturer of the respective servo drives
- The technical data correspond to the cables used

Product Make-up

- Other versions and lengths can be delivered upon request.

Technical data



Classification

ETIM 5.0 Class-ID: EC000104
ETIM 5.0 Class-Description:
Control cable



Certifications

Power cable: UL AWM Style 2587



Minimum bending radius

Power cable occasional flexing:
15 x cable diameter
Signal cable for flexible installation:
15 x outer diameter



Nominal voltage

Power cable: power cores: IEC 750 V, UL 600 V
Signal cores: IEC 350 V, UL 600 V
Signal cable: 250 V



Test voltage

Power cable: 2 KV
Signal cable: 1.5 KV



Temperature range

Flexing power cable: -10 °C to +80 °C
Signal cable flexing: -5 °C to +70 °C

Article number	Length (m)	SEW item designation	Static	Highly flexible	Number of cores and mm ² per conductor	Other dimensions	PU
Motor cables							
70430251	10.0	05904544	•		4G 1,5	Other lengths available	1
70430250	10.0	13324853	•		4G1,5+3x1	Other lengths available	1
Assemblies for signal transmission systems							
70430249	10.0	13324535	•		6x2x0,25	Other lengths available	1
70430252	10.0	1995405		•	6x2x0,25	Other lengths available	1

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

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Article numbers refer to genuine Lapp products.

Photographs are not to scale and do not represent detailed images of the respective products.