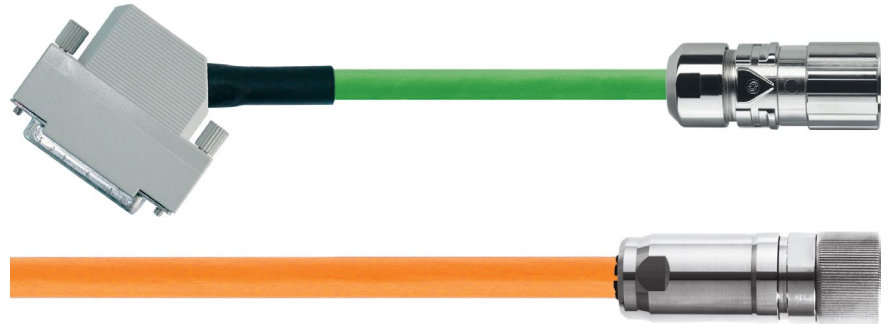




Servo harnessing according to LENZE®



Benefits

- Servomotors, resolvers and encoder cables for fixed installation or application in power supply chains
- 100% compatible with specific drive systems
- 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:
- Designs for fixed installation: PVC outer sheath, PP core insulation.
- Designs for highly flexible use: PUR outer sheath, TPE core insulation

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
Resolver and encoder cable:
UL AWM Style 2464 for fixed installation versions,
UL AWM Style 21165 for highly flexible applications,
CSA AWM I/II A/B
Motor cable:
UL AWM Style 2570 for fixed installation version,
UL AWM Style 20940 for high flexibility use,
CSA AWM I/II A/B

Minimum bending radius
Fixed installation: 7.5 x outer diameter
Flexible use: 10 x outer diameter

Nominal voltage
Signal cables:
30 V (VDE), 300 V (UL/CSA)
Signal cables:
30 V (VDE), 300 V (UL/CSA)

Test voltage
Signal cable: 1.5 kV
Motor cable:
- Power cores: 4 kV
- Control cores: 2 kV

Temperature range
Fixed installation: -25°C to +80°C
Flexible use: -5°C to +70°C

Article number	Length (m)	LENZE® item designation	Static	Highly flexible	Number of cores and mm² per conductor	Other dimensions	PU
Servo cables							
74320320	10.0	EWLM-010GM-015	•		4 G 1,5+(2x0,5)	Other lengths available	1
74320499	10.0	EWLM-010GM-025	•		4 G 2,5+(2x0,5)	Other lengths available	1
74321272	10.0	EWLM-010GMS-015		•	4 G 1,5+(2x0,5)	Other lengths available	1
74321426	10.0	EWLM-010GMS-025		•	4 G 2,5+(2x0,5)	Other lengths available	1
70415002	10.0	EYP-0003-A-0100-M01-A00	•		4 G 1.5	Other lengths available	1
Fan cables							
74322480	10.0	EWLL-010GM	•		5 G 0.5	Other lengths available	1
74322629	10.0	EWLL-010GMS		•	5 G 0.5	Other lengths available	1
70415001	10.0	EYL-0001-V-0100L02-J02		•	5 G 0.75	Other lengths available	1
Resolver cables							
74320540	10.0	EWLR-010GM-T	•		3x (2x0,14) + 1x (2x0,5)	Other lengths available	1
74323073	10.0	EWLR-010GMS-T		•	3x (2x0,14) + 1x (2x0,5)	Other lengths available	1
70415005	10.0	EYF-0020-A-0100-F01-S04		•	3x (2x0,14) + 3x 0,14	Other lengths available	1
Encoder cables							
74323522	10.0	EWLE-010GM-T	•		4x (2x0,14) + 1x (2x1,0)	Other lengths available	1
74323672	10.0	EWLE-010GMS-T		•	4x (2x0,14) + 1x (2x1,0)	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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