



ÖLFLEX®
UNITRONIC®
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ACCESSORIES
APPENDIX

Servo harnessing according to SIEMENS® 6FX5002-



Technical data

- Classification**
ETIM 5.0 Class-ID: EC000104
ETIM 5.0 Class-Description:
Control cable
- Certifications**
Power cable:
VDE-registered
UL/CSA AWM Style 2570
Signal cables:
UL/CSA AWM style 2502
- Conductor stranding**
Extra-fine wire strand made of bare copper wires according to VDE 0295 class 6/IEC 60228 class 6
- Minimum bending radius**
Fixed installation: 5 x outer diameter
Flexible use: 12 x outer diameter
- Nominal voltage**
Signal cables:
30 V AC (IEC)
30 V AC/DC (UL/CSA)
Power cable:
- Power cores:
1000 V (UL/CSA)
600/1000 V (IEC)
- Control cores:
750 V (UL/CSA)
30 V AC (IEC)
- Temperature range**
Fixed installation: -20°C to +80°C
Flexible use: 0°C to +60°C

Benefits

- This cable is designed according to SIEMENS® standard. 6FX5002 is the high-quality, yet more economical, version of the highly flexible 6FX8002 version.
- 100% compatible with SIEMENS® systems
- The oil-resistant PVC sheath enables usage in industrial environments
- Fixed installation

Application range

- Plant engineering
- Servo drives and servo assemblies

Product Make-up

- Design according to SIEMENS® standard 6FX 5002
- Outer sheath: special PVC compound, flame-retardant according to IEC 332.1,

Note

- 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.

Article number	Length (m)	SIEMENS® assembly designation	SIEMENS® cable designation	Other dimensions	PU
Assemblies for signal transmission systems					
74305559	10.0	6FX5002-2AD00-1BA0	6FX5008-1BD41	Other lengths available	1
74305659	10.0	6FX5002-2AD04-1BA0	6FX5008-1BD41	Other lengths available	1
74305759	10.0	6FX5002-2AH00-1BA0	6FX5008-1BD21	Other lengths available	1
74305859	10.0	6FX5002-2CA11-1BA0	6FX5008-1BD21	Other lengths available	1
74306059	10.0	6FX5002-2CA31-1BA0	6FX5008-1BD51	Other lengths available	1
74306159	10.0	6FX5002-2CA34-1BA0	6FX5008-1BD51	Other lengths available	1
74306659	10.0	6FX5002-2CF01-1BA0	6FX5008-1BD41	Other lengths available	1
74306759	10.0	6FX5002-2CF02-1BA0	6FX5008-1BD41	Other lengths available	1
74306859	10.0	6FX5002-2CH00-1BA0	6FX5008-1BD41	Other lengths available	1
74307059	10.0	6FX5002-2EQ10-1BA0	6FX5008-1BD51	Other lengths available	1
74307159	10.0	6FX5002-2EQ14-1BA0	6FX5008-1BD51	Other lengths available	1
70430150	10.0	6FX5002-2DC00-1BA0	6FX2008-1DC00	Other lengths available	1
70430069	10.0	6FX5002-2DC10-1BA0	6FX2008-1DC00	Other lengths available	1
70430151	10.0	6FX5002-2DC20-1BA0	6FX2008-1DC00	Other lengths available	1
Assemblies for motors without brake					
74307259	10.0	6FX5002-5CA01-1BA0	6FX5008-1BB11	Other lengths available	1
74307459	10.0	6FX5002-5CA05-1BA0	6FX5008-1BB11	Other lengths available	1
74308259	10.0	6FX5002-5CA31-1BA0	6FX5008-1BB21	Other lengths available	1
74308559	10.0	6FX5002-5CA41-1BA0	6FX5008-1BB31	Other lengths available	1
74308659	10.0	6FX5002-5CA51-1BA0	6FX5008-1BB41	Other lengths available	1
70430003	10.0	6FX5002-5CS01-1BA0	6FX5008-1BB11	Other lengths available	1
70430004	10.0	6FX5002-5CS11-1BA0	6FX5008-1BB21	Other lengths available	1
Assemblies for motors with brake					
74308959	10.0	6FX5002-5DA01-1BA0	6FX5008-1BA11	Other lengths available	1
74309159	10.0	6FX5002-5DA05-1BA0	6FX5008-1BA11	Other lengths available	1
74309960	10.0	6FX5002-5DA31-1BA0	6FX5008-1BA21	Other lengths available	1
74313361	10.0	6FX5002-5DA41-1BA0	6FX5008-1BA31	Other lengths available	1
74313661	10.0	6FX5002-5DA51-1BA0	6FX5008-1BA41	Other lengths available	1
70430001	10.0	6FX5002-5DS01-1BA0	6FX5008-1BA11	Other lengths available	1
70430002	10.0	6FX5002-5DS11-1BA0	6FX5008-1BA21	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.
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