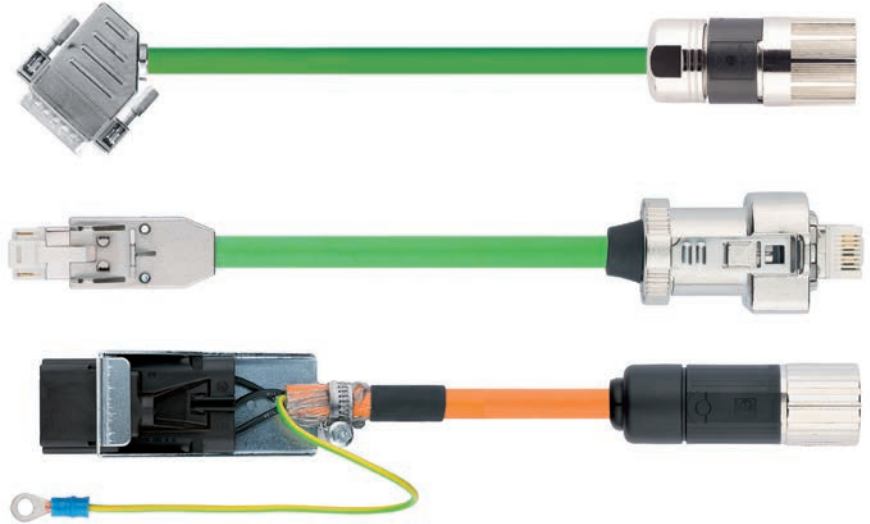




ÖLFLEX® SERVO Basic Line according to Siemens 6FX5002 (PVC)

Info

- Cables in application-oriented performance categories
- Connector with novel, safe screen connection
- PVC outer sheath



Benefits

- Regional manufactured worldwide available
- Lapp quality standards

Application range

- Food production and packaging machinery
- Woodworking Machinery

Product features

- PVC servo cable, shielded
- Basic Line for static and slowly moving applications with resistant PVC outer mantle
- Innovative connector concept

Norm references / Approvals

- Design according to SIEMENS® standard 6FX 5002
- Flame-retardant according to IEC 60332-1-2, VW-1, FT1

Product Make-up

- Full range of types
- Brake wire with 1.5mm² wire gauge

Technical data

Core identification code
Power cores: black with marking U/L1/C/L+; V/L2; W/L3/D /L-; GN/YE protective conductor
Single-paired versions: black; white
Double-paired versions: black with white numbers 5; 6; 7; 8
0,34mm² pairs: WH/BN/GN/YE

Conductor stranding
Fine wire according to IEC 60228/ VDE 0295, class 5

Minimum bending radius
Occasional flexing: 15 x outer diameter
Fixed installation: 6 x outer diameter

Nominal voltage
Power cores and control cores: IEC U0/U: 600/1000 V
UL & CSA: 1000 V

Test voltage
Core/Core: 4 kV
Core/Screen: 4 kV

Protective conductor
G = with GN-YE protective conductor

Temperature range
Occasional flexing: -5°C to +70°C (UL: +80°C)
Fixed installation: -30°C to +80°C

Article number	Length (m)	SIEMENS® assembly designation	Copper index (kg/km)	Other dimensions	PU
ÖLFLEX® SERVO Basic Line according to Siemens 6FX5002 (PVC)					
5480002690	10.0	2DC10	37.37	Other lengths available	1
5480002715	10.0	2DC20	37.37	Other lengths available	1
5480002990	10.0	5CN05	88.88	Other lengths available	1
5480003015	10.0	5CN11	135.30	Other lengths available	1
5480003240	10.0	5CQ28	88.88	Other lengths available	1
5480003365	10.0	5CS01	90.20	Other lengths available	1
5480003565	10.0	5CS31	135.30	Other lengths available	1
5480004290	10.0	5DQ28	168.67	Other lengths available	1
5480004415	10.0	5DS01	171.18	Other lengths available	1
5480004515	10.0	5DS31	198.85	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.
Siemens part designations (6FX5002/5008, 6FX7002/7008, 6FX8002/8008) are registered trademarks of Siemens AG, and are listed for comparison purposes only
Other lengths and cable terminations are available upon request.
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Further Article and length online <https://servoconfigurator.lappgroup.com/>