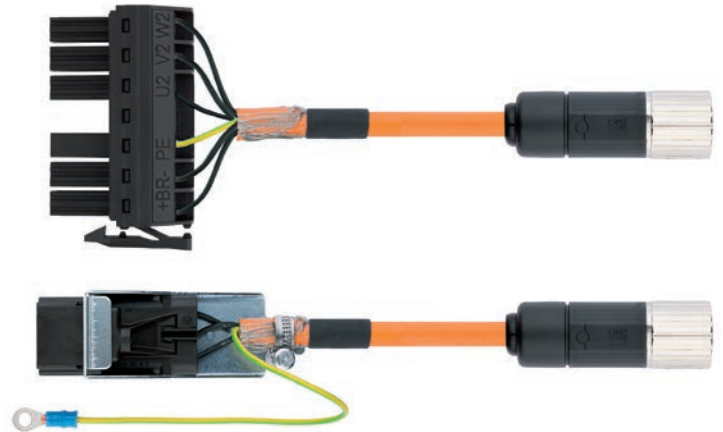




ÖLFLEX® SERVO Core Line for Siemens 6FX8002 (PUR)

i Info

- Connector with novel, safe screen connection
- Custom length available



Benefits

- Regional manufactured worldwide available
- Lapp quality standards

Application range

- Specifically for machine tool building
- For highly dynamic applications
- Assembly and assembly machines/production lines
- Chain application

Product features

- New PUR servo cable, halogen-free & shielded
- Innovative connector concept
- Core Line for light duty power chain applications

Norm references / Approvals

- Design according to SIEMENS® standard

Product Make-up

- Brake wire with 1.5 mm² wire gauge

Technical data

- Core identification code**
Supply cores: colored with white printing
Brown with white printing: V / L2
Black with white printing: U/L1/C/L +
Gray with white printing: W/L3/D/L-
GN/GE protective conductor/control wires: WS; SW
- Conductor stranding**
Fine wire according to IEC 60228 / VDE 0295, class 5
- Minimum bending radius**
Chain application: 7,5 x cable diameter
Fixed installation: 4 x cable 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
- Alternating bending cycles**
5 mio. cycles
- Temperature range**
Flexing: -40°C to +90°C
(UL/CSA: +80°C)
Fixed installation: -50°C to +90°C
(UL/CSA: +80°C)

Article number	Length (m)	SIEMENS® assembly designation	Copper index (kg/km)	Other dimensions	PU
ÖLFLEX® SERVO Core Line for Siemens 6FX8002 (PUR)					
5480005390	10.0	5CS31	132.23	Other lengths available	1
5480000665	10.0	5CN01	83.03	Other lengths available	1
5480000715	10.0	5CN11	123	Other lengths available	1
5480000765	10.0	5CN31	123	Other lengths available	1
5480001065	10.0	5CS01	83.03	Other lengths available	1
5480048200	10.0	5CS06	82.05	Other lengths available	1
5480001115	10.0	5CS11	123	Other lengths available	1
5480001215	10.0	5CS21	83.03	Other lengths available	1
5480001765	10.0	5DN11	207.87	Other lengths available	1
5480001840	10.0	5DN41	276.96	Other lengths available	1
5480002115	10.0	5DS01	146.58	Other lengths available	1
5480049200	10.0	5CS06	144.86	Other lengths available	1
5480002215	10.0	5DS31	207.87	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/>