

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

Core Line for light duty power chain applications

**Info**

Connector with novel, safe screen connection

Custom length available



Supplementary automation components from Lapp



Mechanical and plant engineering



Mechanical resistance



Optimum strain relief



Robust



Reliability



Connector with standard housing unit



Waterproof

**Benefits**

Regional manufactured worldwide available

Lapp quality standards

Last Update (06.08.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

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

### Application range

Specifically for machine tool building  
For travel distances up to 10 m  
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 mm<sup>2</sup> wire gauge

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
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
Temperature range:	Flexing: -40 °C to +90 °C (UL/CSA: +80 °C) Fixed installation: -50 °C to +90 °C (UL/CSA: +80 °C)
Alternating bending cycles:	5 mio. cycles

### Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

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.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Further Article and length online <https://servoconfigurator.lappgroup.com/>

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

Article number	Outer dimensions (mm)	Length (m)	Number of cores and mm <sup>2</sup> per conductor	SIEMENS® assembly designation	Copper index kg/1.000 pieces	Other dimensions	PU
5480000715	11.5	10.0	4 G 2,5	5CN11	1230	Other lengths available	1
5480000765	11.5	10.0	4 G 2,5	5CN31	1230	Other lengths available	1
5480001115	11.5	10.0	4 G 2,5	5CS11	1230	Other lengths available	1
5480001215	10	10.0	4 G 1,5	5CS21	830.25	Other lengths available	1
5480001765	14.4	10.0	4 G 2,5+(2x1,5)	5DN11	2,078.7	Other lengths available	1
5480001840	16.3	10.0	4 G 4,0+(2x1,5)	5DN41	2,769.55	Other lengths available	1

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