ÖLFLEX® SERVO Extended Line according to Siemens 6FX8002 (PUR)

Core Line for light duty power chain applications

Info

Classical production and assembly
Connector with novel, safe screen connection
For the most demanding mechanical requirements



- 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

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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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Application range

Specifically for machine tool building
Designed for power chain use: for travel distances up to 100 m (horizontal)
For very high dynamic motion sequences

Product features

Extended Line for high mechanical stress in Power chains
Proven for hightes dynamic stresses and long distances

Norm references / Approvals

Design according to SIEMENS® standard 6FX 8002
Flame-retardant according to IEC 60332-1-2, VW-1, FT1

Product Make-up

Full range of types
brake wire with 1.5mm^2 wire gauge

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Core identification code:	Power cores: black with marking U/L1/C/L+; V/L2; W/L3/D /L-; GN/YE protective conductor Optional designs with one pair of control cores: black; white Two pairs of control cores: black with white numbers: 5, 6, 7, 8
Conductor stranding:	Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6
Minimum bending radius:	For flexible use: 7.5 x outer diameter (1.5-16 mm^2) 10 x outer diameter (25-50 mm^2) Fixed installation: 4 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:	Flexing: -40 °C to +90 °C (UL/CSA: +80 °C) Fixed installation: -50 °C to +90 °C (UL/CSA: +80 °C)
Alternating bending cycles:	10 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.

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Prices are net prices without VAT and surcharges. Sale to business customers only.
Further Article and length online https://servoconfigurator.lappgroup.com/

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Article number	Length (m)	SIEMENS® assembly designation	Copper index kg/1.000 pieces	Other dimensions	PU
5480000165	10.0	2CA31	860	Other lengths available	1
5480000290	10.0	2CH00	680	Other lengths available	1
5480000390	10.0	2DC10	380	Other lengths available	1
5480000415	10.0	2DC20	380	Other lengths available	1
5480000440	10.0	2EQ10	860	Other lengths available	1
5480005515	10.0	5CS64	4490	Other lengths available	1

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