

## ÖLFLEX® SERVO Core Line acc. SEW (PUR)

Servo harnessing according to SEW®, harnessed and tested



Mechanical and plant engineering



Mechanical resistance



Reliability



Connector with standard housing unit



Waterproof

### Benefits

Regional manufactured worldwide available  
Lapp quality standards

### 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

Last Update (24.12.2023)

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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 acc. SEW (PUR)

### 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.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

SEW® is a registered trademark of SEW Eurodrive GmbH & Co KG, Ernst-Blickle Str. 42, D-76646 Bruchsal

Article numbers refer to genuine Lapp products.

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.

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

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Article number	Length (m)	LENZE® item designation	OD in mm	Cable cross section	Copper index kg/1.000 pieces
5440000174	10.0	13331221	12.9	4G1,5+(3x1,0)	1,514.1
5440000175	10.0	13332155	14.1	4G2,5+(3x1,0)	1,909.44
5440000176	10.0	13332163	16.3	4G4+(3x1,0)	2,844.45