









ÖLFLEX® SERVO Core Line acc. Allen Bradley / Rockwell (PUR)

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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

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Product Management www.lappkabel.de

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
 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

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.
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 Further Article and length online <https://servoconfigurator.lappgroup.com/>
 Resolver Corecode acc. DIN 47100
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Article number	Length (m)	LENZE® item designation	OD in mm	Number of cores and mm ² per conductor	Copper index kg/1.000 pieces
5490000029	10.0	2090-CFBM4DD-CEAF	10.6	6x2x0,34	870.62
5490000031	10.0	2090-CFBM7E7-CEAF	10.6	6x2x0,34	870.62
5490000030	10.0	2090-CFBM4E7-CEAF	10.6	6x2x0,34	870.62
5490000054	10.0	2090-CPBM7DF-16AF	12.8	4G1,5+(2x1,5)	1,444.3
5490000056	10.0	2090-CPBM7DF-14AF	14.4	4G2,5+(2x1,5)	2,048.28
5490000039	10.0	2090-CPBM7DF-10AF	17.4	4G6+(2x1,5)	3,512.78
5490000058	10.0	2090-CPWM7DF-16AF	9.2	4G1,5	818.1
5490000060	10.0	2090-CPWM7DF-14AF	11.5	4G2,5	1212

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