ÖLFLEX® SERVO Extended Line acc. Bosch Rexroth / Indramat (PUR)

Servo harnessing according to INDRAMAT®, 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 machinesproduction lines
Chain application

Product features

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

Last Update (09.10.2025)
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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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Note

Please comply with the assembly guidelines for cables in power chain systems.
Maximum cable length must comply with the specifications set by the manufacturer of the respective servo drives
The technical data correspond to the cables used

Product Make-up

Other versions and lengths can be delivered upon request.

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 conductorcontrol wires: WS; SW
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 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)

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.
Indramat part designations (IKG, IKS, INK, INS, RKL and RKG) are registered trademarks of Bosch Rexroth AG, and are listed for comparison purposes only.
Article numbers refer to genuine Lapp products.
Other designs and lengths 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.
Further Article and length online https://servoconfigurator.lappgroup.com/

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Article number	Length (m)	INDRAMAT® ordering designation	OD in mm	Number of cores and mm² per conductor
5460000023	10.0	IKS4042	8.5	4x2x0,25+2x0,5
5460000024	10.0	IKS4038	9.7	4x1+4x2x0,14+4x0,14
5460000017	10.0	RKL4308	15.1	4G2,5+2x(2x1,0)
5460000018	10.0	RKL4300	12.2	4G1,5+2x(2x0,75
5460000019	10.0	RKL4304	12.2	4G1,5+2x(2x0,75
5460000020	10.0	IKG4115	12.2	4G1,5+2x(2x0,75
5460000021	10.0	IKG4139	15.1	4G2,5+2x(2x1,0)
5460000022	10.0	IKG4177	16	4G4+2x1+2x1,5

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