

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 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 (29.04.2024)

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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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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 conductor/control 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
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.

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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(PUR)**

Article number	Length (m)	INDRAMAT® ordering designation	Cable designation	Copper index kg/1.000 pieces	Other dimensions	PU
Assemblies to INDRAMAT® standard IKG						
70345476	10.0	IKG4009-010	INK0653	1700	Other lengths available	1
70345503	10.0	IKG4087-010	INK0603	3060	Other lengths available	1
70345521	10.0	IKG4163-010	INK0605	5650	Other lengths available	1
70345522	10.0	IKG4170-010	INK0605	5650	Other lengths available	1
70345541	10.0	IKG4020-010	INK0653	1700	Other lengths available	1
70345542	10.0	IKG4018-010	INK0653	1700	Other lengths available	1
70345543	10.0	IKG4016-010	INK0653	1700	Other lengths available	1
70345545	10.0	IKG4050-010	INK0650	1890	Other lengths available	1
70392839	10.0	RKL4302-010	INK0653	1700	Other lengths available	1
70410001	10.0	RKL4303-010	INK0653	1700	Other lengths available	1

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