

# OLFLEX®-SERVO LK-INX

Continuous Flex Servo Cable  
according to Indramat Standard INK



OLFLEX®-SERVO LK-INX is a flexible, oil resistant, UL, CSA, VDE, & CE power supply and feedback cable in accordance with Indramat standards. It has extra fine copper stranding for optimal flex life performance in applications such as, machine tool, pick and place,

multi-axis machinery and material handling equipment.

OLFLEX®-SERVO LK-INX has an overall shield for protection against RFI & EMI interference.

## OLFLEX®-SERVO LK-INX Construction:

Finely stranded copper conductors; pairs are insulated with special elastomeric material; power conductors insulated with PVC; pairs shielded with aluminum foil and tinned copper shield; overall tinned copper braid (85% coverage), specially formulated PUR jacket.



Cable Attributes					
	OR-05		FR-02		CF-01
	MP-05				

## Technical Data:

	Minimum Bending Radius: for continuous flexing:	10 x cable diameter		Color Code: Signal Pairs: Feedback Cables: 7072400 & 7072401:	Black with white numbers Black with White numbers 5/6, 7/8
	Temperature Range: for flexing: for static:	-30°C to +60°C -50°C to +80°C		7072402:	24 AWG/4pr: Brown/Green, Gray/Pink, Blue/Violet, Red/Black 18 AWG or 20 AWG/ 2c: White, Brown
	Nominal Voltage: Supply Conductors:	600/1000V			20 AWG/ 9c: Green, Brown, Gray, Yellow, Black, Blue, Red, White, Pink
	Conductor Stranding:	Extra Fine Wire		Approvals: Power Cables: Feedback Cables:	UL-AWM 20234, CSA-AWM II A/B FT1 UL-AWM 20236, CSA-AWM II A/B FT1

Conforms to CE Low Voltage Directives

Part Number	AWG + Number of Conductors	Indramat Part Number	Nominal Outer Diameter inches	Diameter mm	Approx Cable Weight lbs/mft	kg/km
<b>Feedback/Signal Cables</b>						
7072400	24 AWG/ 4pr + 18 AWG/ 2c	INK-0209	.346	8.8	84	125
7072401	24 AWG/ 4 pr+ 20 AWG/ 2c	INK-0448	.335	8.5	81	120
7072402	20 AWG/ 9c	INK-0208	.346	8.8	85	126
<b>Servo Cables</b>						
7072403	18 AWG/ 4c +19 AWG/ 2pr	INK-0653	.453	11.5	152	226
7072404	16 AWG/ 4c +19 AWG/ 2pr	INK-0650	.480	12.2	180	268
7072405	14 AWG/ 4c +18 AWG/ 2pr	INK-0602	.594	15.1	215	320
7072406	12 AWG/ 4c +18 AWG/ 1pr + 16 AWG/ 1pr	INK-0603	.630	16.0	316	470
7072407	10 AWG/ 4c +18 AWG/ 1pr + 16 AWG/ 1pr	INK-0604	.740	18.8	403	600
7072408	8 AWG/ 4c +18 AWG/ 1pr + 16 AWG/ 1pr	INK-0605	.866	22.0	571	850
7072409	6 AWG/ 4c +16 AWG/ 2pr	INK-0606	.992	25.2	685	1020
7072410	4 AWG/ 4c +16 AWG/ 2pr	INK-0607	1.102	28.0	954	1420
7072411	2 AWG/ 4c +16 AWG/ 2pr	INK-0667	1.201	30.5	1502	2236
7072412	1 AWG/ 4c +16 AWG/ 2pr	INK-0668	1.457	37.0	2049	3050

Lapp Part Number refer to Lapp genuine products. The Bosch Rexroth Part Number (INK/ ING/ INK/ INS, registered trade marks of Bosch Rexroth AG) are only mentioned for information purposes.