

Technical data sheet

Servomotor cables for C-tracks

According to Bosch Rexroth RKL standard



Identification

Type	RKL 4307/10,0M
Part No.	193273.1000
BOSCH REXROTH designation*	RKL4307/010.0
System	Bosch Rexroth

Product version

Datasheet version	00
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Use/Application/Properties

Application	<ul style="list-style-type: none">• Motor cable for Bosch Rexroth SERVO drives• Through full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely harsh operating conditions and aggressive coolants and lubricants
Properties	<ul style="list-style-type: none">• Silicone free• RoHS compliant

Technical data

Number of conductors/cross-section	(4G1.5+2×(2×0.75))
Number of conductors	8
Outer Ø	12.9 mm
Cable length	10 m
Rated voltage U_N	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Insulation resistance at 20 °C	≥500 MΩ×km
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×cable OD
Minimum bending radius moving	10×cable OD
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

Number of conductors/cross-section	(4G1.5+2×(2×0.75))
Number of conductors	8

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Conductor insulation	TPE
Jacket material	PUR
Jacket color	orange RAL 2003
Surface	matt, adhesion-free

General

Note	<p>* Bosch Rexroth article designations are registered trademarks of Bosch Rexroth, and are for reference purposes only</p> <p>Ordering instructions: The LÜTZE Art. no. consists of two blocks that are separated by a dot: 6 digits before the dot: technical design 4 digits after the dot: length code in cm Ex.: 198360.0500 corresponds to a length of 5.0 m</p> <p>Special features: No minimum order quantity All intermediate lengths in steps of 0.5 m are available within a short time When ordering, please specify serial number and length key Additional types on request</p>
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Approvals/Standards

Approvals	cURus
Burning behavior according to	VDE 0482 Part 265-2 DIN EN 50265-2 IEC 60332-1 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1