

# Technical data sheet - According to Bosch Rexroth RKL standard

## Servomotor cables for C-tracks



<b>Identification</b>	Type	RKL 4316/10,0M
	Part-No.	193110.1000
System	Bosch Rexroth	
BOSCH REXROTH designation*	RKL4316/010.0	
<b>Use/Application/Characteristics</b>		
Application	<ul style="list-style-type: none"><li>• Motor cable for Bosch Rexroth SERVO drives</li><li>• Full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants</li></ul>	
Characteristics	<ul style="list-style-type: none"><li>• Silicone free</li><li>• RoHS-compliant</li></ul>	
<b>Technical data</b>		
Number of conductors/cross-section	(4G4+(2×1.0)+(2×1.5))	
Number of conductors	8	
Outer Ø	16.3 mm	
Cable length	10 m	
Rated voltage	1000 V 80 °C	
Rated voltage U <sub>0</sub> /U	600/1000	
Insulation resistance	> 500 MΩ × km	
Temperature range fixed	-40 °C ... +80 °C	
Temperature range moving	-25 °C ... +80 °C	
Minimum bending radius fixed	6×D	
Minimum bending radius moving	10×D	

28.04.2017 – Subject to technical modification

Part-No. 193110.1000

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA  
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223  
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park  
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU  
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2  
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

## Technical data sheet - According to Bosch Rexroth RKL standard

---

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
Approvals	cURus
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	(4G4+(2×1.0)+(2×1.5))
Number of conductors	8
Conductor insulation	TPE
Jacket material	PUR
Jacket color	orange RAL 2003

---

### General

---

Note	* Bosch Rexroth article designations are registered trademarks of Bosch Rexroth, and are for reference purposes only* UL approval and technical data shown apply to the cable used in the assemblies.
------	---

#### 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**

#### 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

28.04.2017 – Subject to technical modification

Part-No. 193110.1000

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

## Technical data sheet · According to Bosch Rexroth RKL standard

---

### Symbols



28.04.2017 – Subject to technical modification

Part-No. 193110.1000

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA  
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223  
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park  
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU  
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2  
www.lutze.com • sales.gb@lutze.co.uk