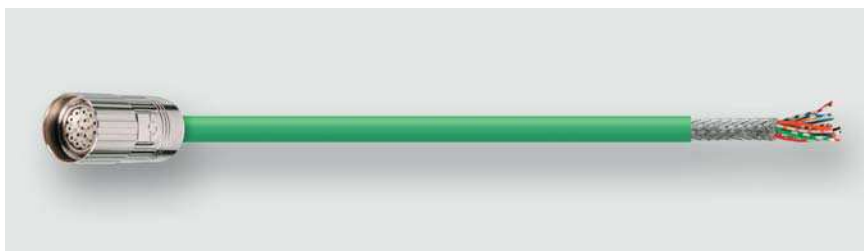


Technical data sheet · According to Allen-Bradley 2090 standard



Signal Cable Assemblies for stationary applications

Identification	Type	2090-XXNFMF-S10
	Part-No.	193337.1000
System	Allen Bradley	
Allen Bradley designation*	2090-XXNFMF-S10	
Use/Application/Characteristics		
Application	<ul style="list-style-type: none">• Feedback cables for Allen Bradley drives• Conform with NFPA79 for machine tool wiring• Very suitable for extreme operating conditions and high interference signals• In dry, damp and wet environment• Especially for industrial environments in mechanical and system engineering	
Characteristics	<ul style="list-style-type: none">• High active and passive interference resistance (EMC)• Easy installation• Specially developed TPE jacket for superior oil-resistance according to UL 1581• Resistant to most mineral and vegetable-based cutting oils• UV-resistant• Silicone and talcum-free• RoHS compliant	
Technical data		
Number of conductors/cross-section	(2×AWG16+2×AWG22+6×2×AWG26)	
Number of conductors	16	
Outer Ø	13.6 mm	
Cable length	10 m	

29.04.2017 – Subject to technical modification

Part-No. 193337.1000

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

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Rated voltage	300 V UL PLTC-ER 300 V UL CM 600 V TC-ER 90C
Rated voltage U_0/U	- /300
Test Voltage	1500 V
Insulation resistance	> 200 M Ω × km
Temperature range fixed	-40 °C ... +105 °C
Temperature range moving	-30 °C ... +105 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	15×D
Burning behavior according to	UL Vertical-Tray UL VW-1
Oil resistant according to	UL 1581
Oil resistance	4 days in oil at 100 °C 60 days in oil at 75 °C
Approvals	PLTC-ER NEC 725, 760, 800 Class 1 Div. 2 per NEC CE UL cULus
Cable used	A1410002
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	(2×AWG16+2×AWG22+6×2×AWG26)
Number of conductors	16
Conductor	AWG conductor
Conductor marking	Colour coded
Conductor insulation	Special PVC
Overall shield	Aluminium laminate Foil shield Braid shield Tinned copper wires optical cover approx. 85% drain wire
Jacket material	TPE
Jacket color	green RAL 6018

General

Note	* Allen-Bradley article designations are registered trademarks of Rockwell Allen Bradley, and are for reference purposes only
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SYSTEMATIC TECHNOLOGY

Technical data sheet · According to Allen-Bradley 2090 standard

Ordering instructions:

The LÜTZE Art. no. consists of two blocks that are separated by a dot:

6 digits before the dot: technical design

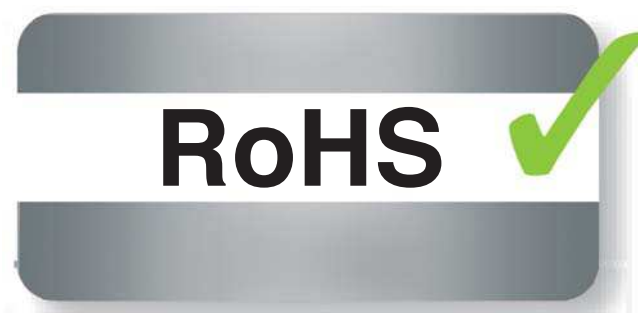
4 digits after the dot: length code in cm

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

Symbols



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