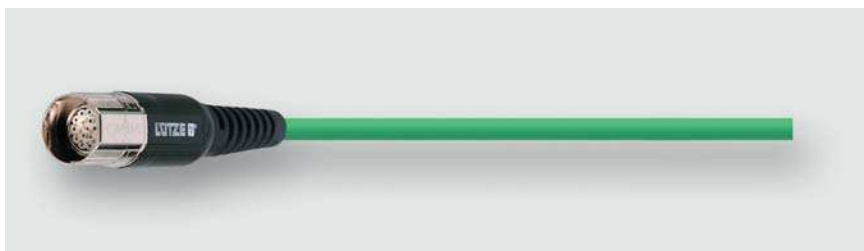


## Technical data sheet · According to Allen-Bradley 2090 standard



Signal Cable Assemblies for stationary applications

<b>Identification</b>	Type	2090-CFBM7DF-CEAA10
	Part-No.	193959.1000
System	Allen Bradley	
Allen Bradley designation*	2090-CFBM7DF-CEAA10	
<b>Use/Application/Characteristics</b>		
Application	<ul style="list-style-type: none"><li>• Feedback cables for Allen Bradley drives</li><li>• Conform with NFPA79 for machine tool wiring</li><li>• Very suitable for extreme operating conditions and high interference signals</li><li>• In dry, damp and wet environment</li><li>• Especially for industrial environments in mechanical and system engineering</li></ul>	
Characteristics	<ul style="list-style-type: none"><li>• High active and passive interference resistance (EMC)</li><li>• Easy installation</li><li>• Specially developed TPE jacket for superior oil-resistance according to UL 1581</li><li>• Resistant to most mineral and vegetable-based cutting oils</li><li>• UV-resistant</li><li>• Silicone and talcum-free</li><li>• RoHS compliant</li></ul>	
<b>Technical data</b>		
Number of conductors/cross-section	(5×2×AWG22)	
Number of conductors	10	
Outer Ø	9.9 mm	
Cable length	10 m	

29.04.2017 – Subject to technical modification

Part-No. 193959.1000

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

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

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SYSTEMATIC TECHNOLOGY

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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 $\Omega$ × 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	A1410001
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	(5×2×AWG22)
Number of conductors	10
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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### 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

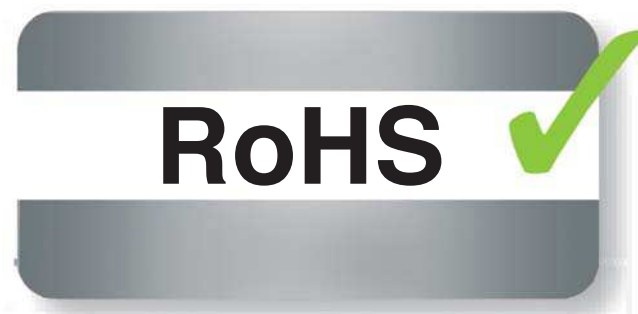
Ex.: 198360.0500 corresponds to a length of 5.0 m

### 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

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### Symbols



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