

Technical data sheet - According to Allen-Bradley 2090 standard



Signal Cable Assemblies for C-tracks

Identification	Type	2090-CFBM7DF-CDAF10
	Part-No.	193958.1000
System	Allen Bradley	
Allen Bradley designation*	2090-CFBM7DF-CDAF10	

Use/Application/Characteristics

Application	<ul style="list-style-type: none">• Servo feedback cables for Allen Bradley drives• Due to optimized cable construction optimally suited for continuous flexing applications in C-tracks• Very good resistance against aggressive coolants and lubricants• Especially for industrial environments in machines and plants
Characteristics	<ul style="list-style-type: none">• High active and passive interference resistance (EMC)• Silicone free• RoHS compliant

Technical data

Number of conductors/cross-section	(2×AWG16+2×AWG22+6×2×AWG26)
Number of conductors	16
Cable length	10 m
Rated voltage	1000 V 80 °C
Insulation resistance at 20 °C	≥ 200 MΩ×km
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D

26.11.2017 – Subject to technical modification

Part-No. 193958.1000

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 Allen-Bradley 2090 standard

Minimum bending radius moving	12×D
Burning behavior according to	IEC 60332-1 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cULus UL AWM 21223
Cable used	111489
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	CU-wire bare
Conductor category	Superfinely stranded DIN VDE 0295 IEC 60228, Class 6
Conductor marking	Colour coded
Conductor insulation	Special TPE
Overall stranding	Conductors stranded layers
Overall wrapping	Non-woven material over the cable core
Overall shield	Braid shield Tinned copper wires optical cover approx. 85%
Jacket material	PUR
Surface	matt adhesion-free
Jacket color	green RAL 6018

General

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

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

26.11.2017 – Subject to technical modification

Part-No. 193958.1000

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 Allen-Bradley 2090 standard

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

26.11.2017 – Subject to technical modification

Part-No. 193958.1000

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

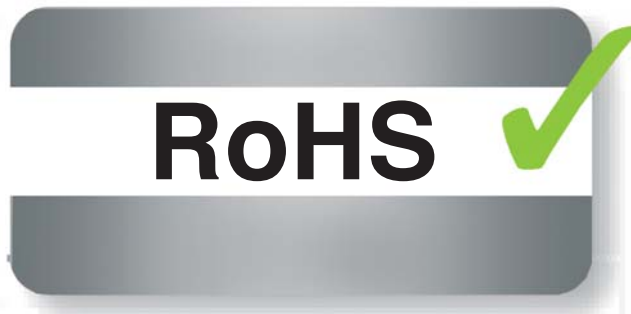
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

Symbols



26.11.2017 – Subject to technical modification

Part-No. 193958.1000

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