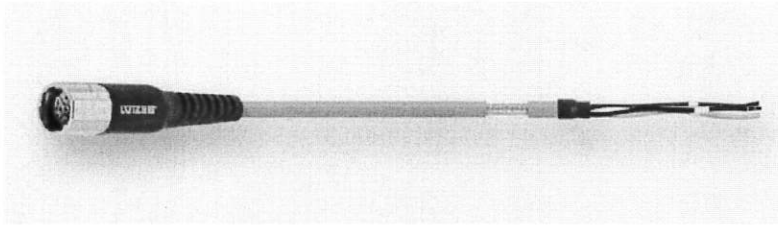


## Technical data sheet · According to Allen-Bradley 2090 standard



Servomotor Cable Assemblies  
for fixed installation

<b>Identification</b>	Type	2090-CPWM7DF-14AA10
	Part-No.	193956.1000
System	Allen Bradley	
Allen Bradley designation*	2090-CPWM7DF-14AA10	
<b>Use/Application/Characteristics</b>		
Application	<ul style="list-style-type: none"><li>• Especially for industrial environments in mechanical and system engineering</li><li>• Reinforced insulation with additional relief layer</li><li>• Based on NFPA 79 standards</li><li>• „TC-ER“ for use in machines and open cable ducts</li><li>• UL Type 1000V Flexible Motor Supply Cable for connection to motors</li><li>• In dry, moist and wet rooms</li></ul>	
Characteristics	<ul style="list-style-type: none"><li>• Wire insulation reinforcing layer protects against premature cable failure due to reduced corona effect and therefore improves reliability and the life span</li><li>• Flexible wires with nylon for better resistance to pressure and impacts as per UL 1277</li><li>• High flexibility for complex installation distances and small bending radii</li><li>• Improved oil resistance due to specifically developed TPE jacket</li><li>• UV-resistant</li><li>• Silicone free</li><li>• RoHS compliant</li></ul>	
<b>Technical data</b>		
Number of conductors/cross-section	(4GAWG14)	
Number of conductors	4	

12.08.2018 – Subject to technical modification

Part-No. 193956.1000

USA: LUTZE INC.

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SYSTEMATIC TECHNOLOGY

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Cable length	10 m
Rated voltage $U_N$	1000 V Flexible Motor Supply 1000 V WTTC 600 V UL TC 600 V UL MTW 600 V UL AWM 105 °C
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +90 °C (105 °C)
Temperature range moving	-5 °C ... +90 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	15×D
Approvals	UL Flexible Motor Supply Cable UL Type WTTC 1000 V UL Type TC-ER MTW 600 V UL AWM Style 20328 CE RoHS REACH Class 1 Div. 2 per NEC Art. 336, 392, 501 C(UL) TC and CIC FT4 UL 1277 Oil Res I and II
Cable used	A3161404
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

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### Construction

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Number of conductors/cross-section	(4GAWG14)
Number of conductors	4
Conductor	AWG conductor CU-wire bare
Conductor marking	brown black blue
Control pair	colour-coded black, white with foil tape and braided shield
Conductor insulation	PVC/Nylon
Overall shield	Braid shield Tinned copper wires optical cover approx. 85%
Jacket material	TPE

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Surface	matt adhesion-free
Jacket color	orange RAL 2003

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### General

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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

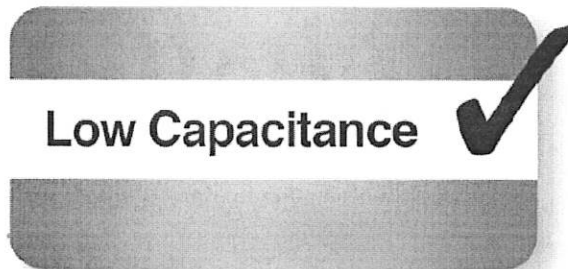
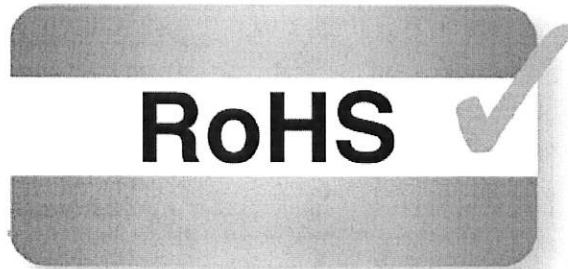
4 digits after the dot: length code in cm

Ex.: 198360.0500 corresponds to a length of 5.0 m

#### 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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