

# Technical data sheet · According to SIEMENS-6FX5002 standard

## Base cable DRIVE-CLIQ®



Signal cable assemblies for fixed installation

<b>Identification</b>	Type	6FX5002-2DC20-1BA0
	Part-No.	198038.1000
System	Siemens	
SIEMENS designation*	6FX5002-2DC20-1BA0	

<b>Use/Application/Characteristics</b>	
Application	<ul style="list-style-type: none"> <li>• Resolver cable</li> <li>• For flexible application without continuous flexing</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	(2×2×0.15+1×2×0.38)
Number of conductors	6
Outer Ø	7.2 mm
Cable length	10 m
Rated voltage	30 V 80 °C
Rated voltage $U_N$	300 V
Test voltage	500 V
Insulation resistance	>20 MΩ × km
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C

29.04.2017 – Subject to technical modification

Part-No. 198038.1000

USA: LUTZE INC.

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SYSTEMATIC TECHNOLOGY

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Minimum bending radius fixed	7.5×D
Minimum bending radius moving	15×D
Burning behavior according to	VDE 0482 Part 265-2 DIN EN 50265-2 IEC 60332-1
Approvals	cURus
Cable used	104341
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	(2×2×0.15+1×2×0.38)
Number of conductors	6
Conductor	CU-wire bare
Conductor category	Finely stranded DIN VDE 0295 IEC 60228, Class 5
Conductor marking	Colour coded
Conductor insulation	Special PP
Overall shield	Braid shield Tinned copper wires optical cover approx. 85%
Jacket material	PVC
Jacket color	green RAL 6018

### General

Note	* Siemens article designations are registered trademarks of Siemens AG, 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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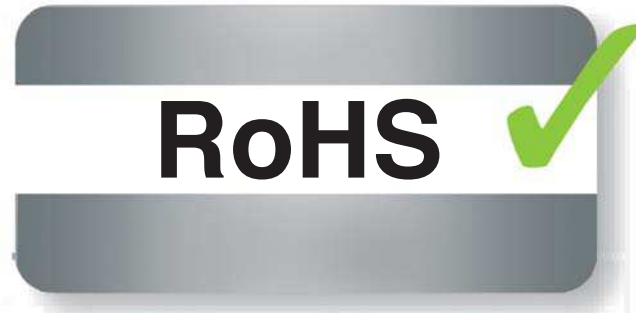


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**Symbols**



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