

**Technical data sheet · Similar to SIEMENS-6FX5002 standard, but with PUR jacket  
Base cable**



**PUR servo cable assemblies with brake cores for hard wiring**

<b>Identification</b>	Type	6FX5002-5DG41-1BA0
	Part-No.	198097.1000

**Use/Area of application**

Application	<ul style="list-style-type: none"> <li>• Base cable, for Siemens servo drives</li> <li>• For flexible application without compulsory guide</li> <li>• Cost-effective alternative to the cable carrier suitable 6FX8002 version</li> </ul>
Properties	<ul style="list-style-type: none"> <li>• Free from paint wetting impairment substances (LABS-free), RoHS-compliant</li> </ul>

**Technical data**

SIEMENS designation	6FX5002-5DG41-1BA0*	
Number of strands/cross-section	(4×4+(2×1.5))	
Outer-Ø	15.8 approx. mm	
Length	10.0 m	
Voltage	U <sub>0</sub> /U	0.6/1.0 kV
Insulation resistance	min. 100 MΩ × km	
Temperature range	moving	-25 °C to +80 °C
	fixed	-40 °C to +80 °C
Fire performance	Flame-retardant according to VDE 0482 T 265-2-1; DIN EN 50265-2-1; IEC 60332-1	

12.12.2012 – Subject to technical modification

Part-No. 198097.1000

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SYSTEMATIC TECHNOLOGY

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**Design**

Jacket colour orange RAL 2003

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**General**

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

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**Logo**



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