

Technical data sheet · Acc. to SIEMENS-6FX8002 standard

Base cable



Signal cable assemblies for C-tracks

Identification	Type	6FX8002-2CM00-1BA0
	Part-No.	198230.1000

Use/Application/Characteristics		
Application	<ul style="list-style-type: none"> • Resolver cable • Due to full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants 	
Characteristics	<ul style="list-style-type: none"> • Silicone free • RoHS-compliant 	

Technical data		
Number of strands/cross-section	(2×0.5+4×0.14+3×(2×0.14))	
OD Ø	8.6 ca. mm	
Length	10.0 m	
UL approval	cURus	
Nominal voltage	30 V 80 °C	
Rated voltage	300 V	
Test voltage	500 V	
Insulation resistance	min. 2000 MΩ × km	
Temperature range	moving	-25 °C to +80 °C
	fixed	-40 °C to +80 °C
Minimum bending radius	moving	D × 12
	fixed	D × 6

09.08.2016 – Subject to technical modification

Part-No. 198230.1000

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Burning behavior	Flame-retardant according to VDE 0482 T 265-2, DIN EN 50265/2, IEC 60332-1, UL 1581 section 1080 VW-1 CSA FT 1
Halogen free	according to DIN EN 50267-2-1
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

Strand color	Strand color Conductors color-coded for specific system
Conductor structure	Bare copper wire, finely stranded according to DIN VDE 0295 class 6, IEC 60228 class 6
Conductor insulation	Special TPE conductor insulation, UL qualified
Strand color	Conductors color-coded for specific system
Stranding	Conductors cabled in layers without mechanical stress, layer pitch optimised
Banding	Fleece wrap over cable core
Overall shield	Braid from tinned copper wire, optical coverage ≥ 85 %
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

Symbols



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SYSTEMATIC TECHNOLOGY

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