Technical data sheet · According to SIEMENS-6FX8002 standard
Base cable DRIVE-CLiQ®



Signal cable assemblies for C-tracks

Identification	Type	6FX8002-2DC20-1BA0
	Part-No.	198910.1000
System	Siemens	
SIEMENS designation*	6FX8002-2DC20-1BA0	

Use/Application/Characteristics	
Application	• 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	• Silicone free • RoHS-compliant

Technical data	
Number of conductors/cross-section	(2×2×0.15+1×2×0.38)
Number of conductors	6
Outer ∅	6.8 mm
Cable length	10 m
Rated voltage	30 V 80 °C
Rated voltage U_N	300 V
Test voltage	500 V
Insulation resistance	>2000 MΩ × km
Temperature range fixed	-40 °C … +80 °C
Temperature range moving	-25 °C … +80 °C

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

LÜTZE SYSTEMATIC TECHNOLOGY

Technical data sheet · According to SIEMENS-6FX8002 standard
Base cable DRIVE-CLIQ®

Minimum bending radius fixed	6×D
Minimum bending radius moving	12×D
Burning behavior according to	VDE 0482 Part 265-2 DIN EN 50265-2 IEC 60332-1 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Cable used	104310
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 6
Conductor marking	Colour coded
Conductor insulation	Special TPE
Overall stranding	Conductors twisted without mechanical stress
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	* 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**

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 SIEMENS-6FX8002 standard
Base cable DRIVE-CLiQ®

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

RoHS

c UL us

DESINA

halogen free

flame retardant

LÜTZE SUPERFLEX® connected

29.04.2017 – Subject to technical modification

Part-No. 198910.1000

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

LÜTZE SYSTEMATIC TECHNOLOGY