

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



PUR servo cable assemblies with brake cores for hard wiring

| | | |
|-----------------------|----------|--------------------|
| Identification | Type | 6FX5002-5DA21-1BA0 |
| | Part-No. | 198502.1000 |

Use/Area of application

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

Technical data

| | | |
|---------------------------------|--|------------------|
| SIEMENS designation | 6FX5002-5DA21-1BA0* | |
| Number of strands/cross-section | (4×1.5+(2×1.5)) | |
| Outer-Ø | 12.5 approx. mm | |
| Length | 10.0 m | |
| Voltage | U ₀ /U | 0.6/1 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 | |

27.05.2013 – Subject to technical modification

Part-No. 198502.1000

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



SYSTEMATIC TECHNOLOGY

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

Base cable

Product photo The product photos are not to scale and do not represent detailed images of the respective products.

Design

Jacket colour orange RAL 2003

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

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

Logo



27.05.2013 – Subject to technical modification

Part-No. 198502.1000

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



SYSTEMATIC TECHNOLOGY