

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

## Base cable DRIVE-CLIQ®



Signal cable assemblies for fixed installation

|                       |                    |                    |
|-----------------------|--------------------|--------------------|
| <b>Identification</b> | Type               | 6FX5002-2DC10-1BA0 |
|                       | Part-No.           | 198037.1000        |
| System                | Siemens            |                    |
| SIEMENS designation*  | 6FX5002-2DC10-1BA0 |                    |

### Use/Application/Characteristics

|                 |   |
|-----------------|---|
| 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>                                       |

### Technical data

|                                    |                     |
|------------------------------------|---------------------|
| 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. 198037.1000

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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<br>DIN EN 50265-2<br>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<br>IEC 60228, Class 5               |
| Conductor marking                  | Colour coded   |
| Conductor insulation               | Special PP   |
| Overall shield                     | Braid shield<br>Tinned copper wires<br>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 |
|------|---|

#### 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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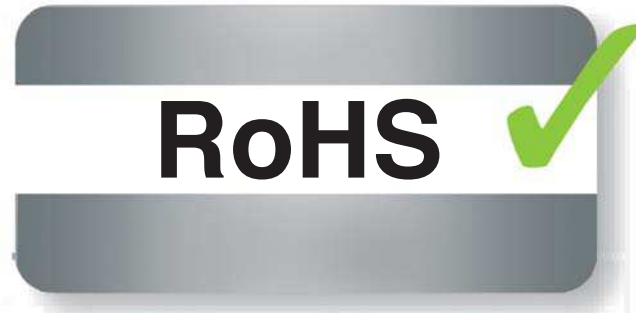


SYSTEMATIC TECHNOLOGY

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**Symbols**



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