

## M23 Servo Cable

Specification: 6FX8002-5CN06-1BA0

Female straight – pre-wired terminals  
 Plastic housings with good resistance against chemicals and oils.  
 M23, 6-pole  
 4-pole used  
 Power connector SIEMENS  
 shielded  
 without brake wires  
 Power cable for SINAMICS S120 and Motors with M23 connection  
 without cable sleeves  
 Further cable lengths on request.

## Link to Product

### Illustration



Product may differ from Image

### Form

Form PS416

### General data

Pollution Degree 3  
 Temperature range -25...+85 °C, depending on cable quality

### Cables

|                            |                               |
|----------------------------|-------------------------------|
| Cable number               | 854                           |
| No./diameter of wires      | (4G1.5+C)                     |
| Wire isolation             | TPM (bk num, gnye)            |
| C-track properties         | 10 Mio.                       |
| Torsion stress             | ±30 °/m                       |
| Jacket Color               | orange                        |
| Material (jacket)          | PUR (UL/CSA) (=MC800+)        |
| Specification              | 6FX8008-1BB11                 |
| Outer Ø                    | 9.1 mm ±5%                    |
| Bend radius (fixed)        | 5 × outer Ø                   |
| Bend radius (moving)       | 7.5 × outer Ø                 |
| Temperature range (fixed)  | -30...+80 °C                  |
| Temperature range (mobile) | -30...+60 °C                  |
| Shield                     | yes                           |
| Approval (cable)           | cURus (AWM-Style 21223/10492) |

### Technical Data

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Operating voltage             | max. 630 V AC/DC                            |
| Rated surge voltage           | 6.0 kV                                      |
| Operating current per contact | Power cores: 12 A (1.5 mm²), 15 A (2.5 mm²) |

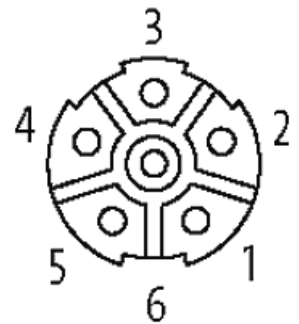
|                                           |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| Material group                            | IEC 60664-1, category I                                          |
| Locking of ports                          | Screw thread (M23×1 mm) recommended torque 2.0 Nm, self-securing |
| Compression gland                         | M23 (SW27)                                                       |
| Locking material                          | Brass, nickel plated                                             |
| Material                                  | Zinc die casting, nickel-plated                                  |
| suitable for corrugated tube (internal Ø) | without                                                          |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | HU            |
| customs tariff number | 85444290      |
| EAN                   | 4048879681568 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

**Sketch**

Female



Product may differ from Image