

**M23 servo cable**

specification: 6FX8002-5CA15-1AJ0

Power cable for SINAMICS S120 and Motors with M23 connection

The resistance to aggressive media should be individually tested for your application. Further details on request.

Female straight – male straight

M23 – M23, 6-pole

4-pole used

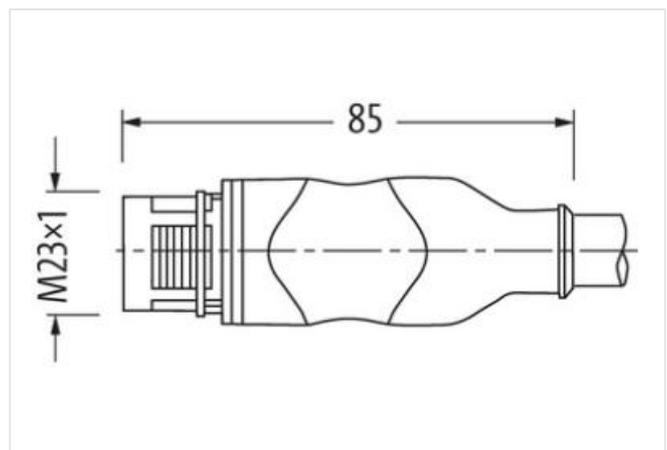
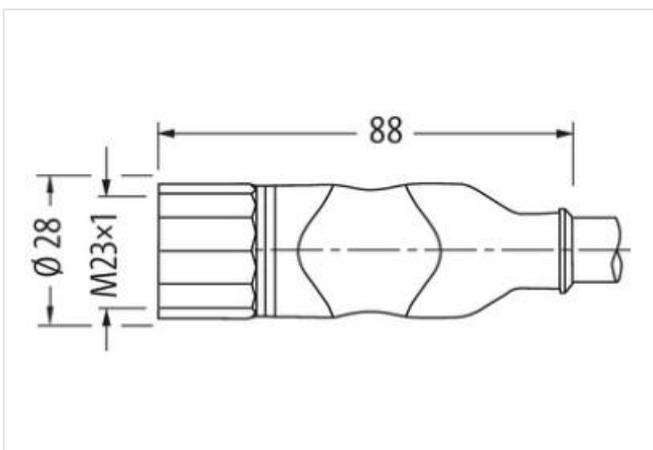
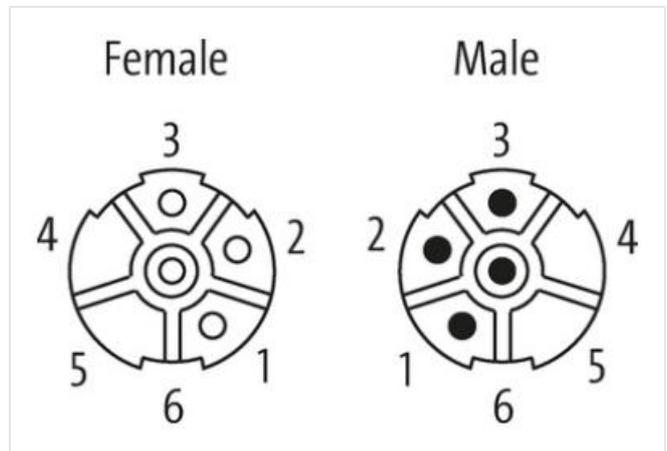
shielded

without brake wires

without cable sleeves

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

**Link to Product****Illustration**

Product may differ from Image

**Form**

Form PS105

**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 mm <sup>2</sup> ), 15 A (2.5 mm <sup>2</sup> ) |
| Material group                            | IEC 60664-1, category I                                               |
| Locking of ports                          | Screw thread (M23×1 mm) recommended torque 2.0 Nm, self-securing      |
| Protection                                | IP65 and IP67 when plugged and screwed down (EN 60529)                |
| Material                                  | PUR                                                                   |
| Locking material                          | Brass, nickel plated                                                  |
| suitable for corrugated tube (internal Ø) | 16 mm; 23 mm                                                          |
| Compression gland                         | M23 (SW27)                                                            |

#### General data

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

#### Cables

|                            |                               |
|----------------------------|-------------------------------|
| No./diameter of wires      | (4G2.5+C)                     |
| Wire isolation             | PP (bk num, gnye)             |
| C-track properties         | 10 Mio.                       |
| Outer Ø                    | 10.6 mm ±5%                   |
| Cable number               | 857                           |
| Approval (cable)           | cURus (AWM-Style 21223/10492) |
| Shield                     | yes                           |
| Jacket Color               | orange                        |
| Temperature range (fixed)  | -30...+80 °C                  |
| Temperature range (mobile) | -30...+60 °C                  |
| Bend radius (fixed)        | 5× outer Ø                    |
| Bend radius (moving)       | 7.5× outer Ø                  |
| Torsion stress             | ±30°/m                        |
| Material (jacket)          | PUR (UL/CSA) (=MC800+)        |

|                                        |                    |
|----------------------------------------|--------------------|
| Product article number of manufacturer | 7000-PS105-8570800 |
| Cable length                           | 8 m                |