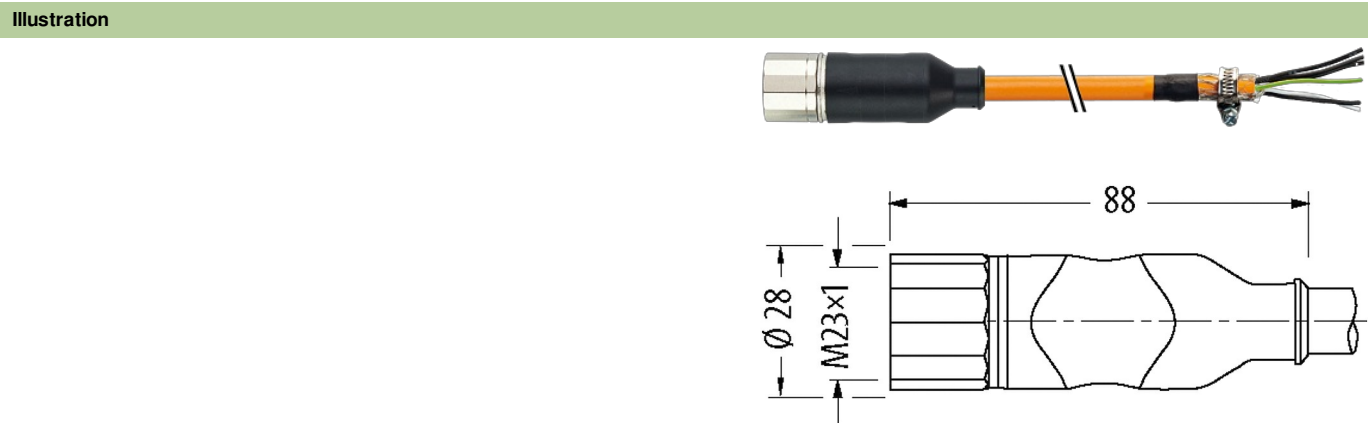


**M23 SERVO CABLE**

specification: 6FX8002-5CG01-1BJ0

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

[Link to Product](#)



Product may differ from Image

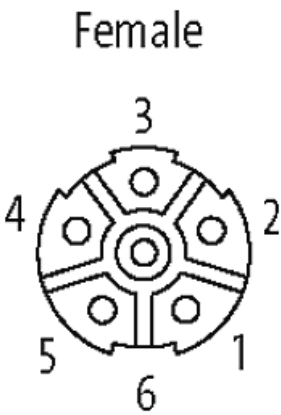
| Form                       |                                          |
|----------------------------|------------------------------------------|
| Form                       | PS206                                    |
| General data               |                                          |
| Pollution 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)                                                       |
| Protection                                | IP65 and IP67 when plugged and screwed down (EN 60529)           |
| Locking material                          | Brass, nickel plated                                             |
| Material                                  | PUR                                                              |
| suitable for corrugated tube (internal Ø) | 16 mm                                                            |

| Commercial data       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879781510 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

Sketch



Product may differ from Image