

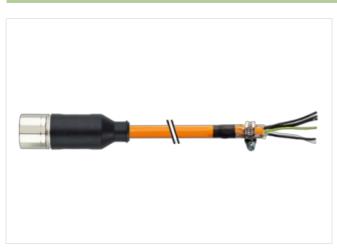
## **M23 SERVO CABLE**

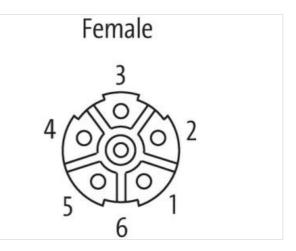
specification: 6FX8002-5CG01-1BH0

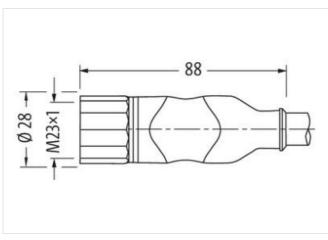
Female straight Plastic housings with good resistance against chemicals and oils. M23, 6-pole 4-pole used shielded without brake wires Power cable for SINAMICS S120 and Motors with M23 connection Mounting bracket without cable sleeves Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image

| Form              |                  |  |
|-------------------|------------------|--|
| Form              | PS206            |  |
| Technical Data    |                  |  |
| Operating voltage | max. 630 V AC/DC |  |

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-14

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com



| 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   |
| Compression gland                         | M23 (SW27)  |
| General data                              |   |
| Pollution Degree                          | 3   |
| Temperature range                         | -25+85 °C, depending on cable quality                                 |
| Cables                                    |   |
| No./diameter of wires                     | (4G1.5+C)   |
| Wire isolation                            | TPM (bk num, gnye)  |
| C-track properties                        | 10 Mio.   |
| Outer Ø                                   | 9.1 mm ±5%  |
| Cable number                              | 854   |
| 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-PS206-8541700  |
| Cable length                              | 17 m  |

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-14

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com