

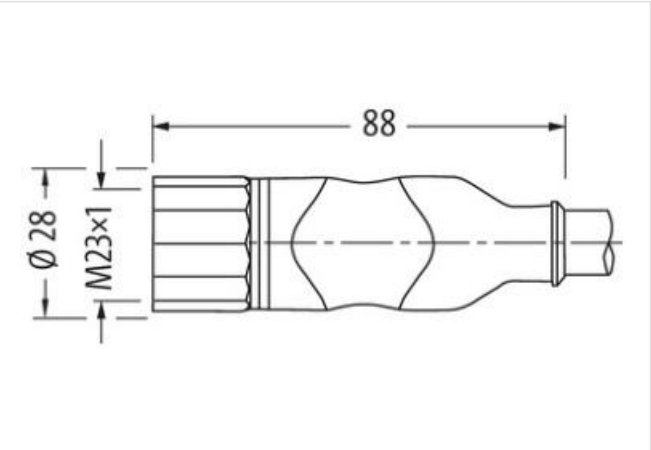
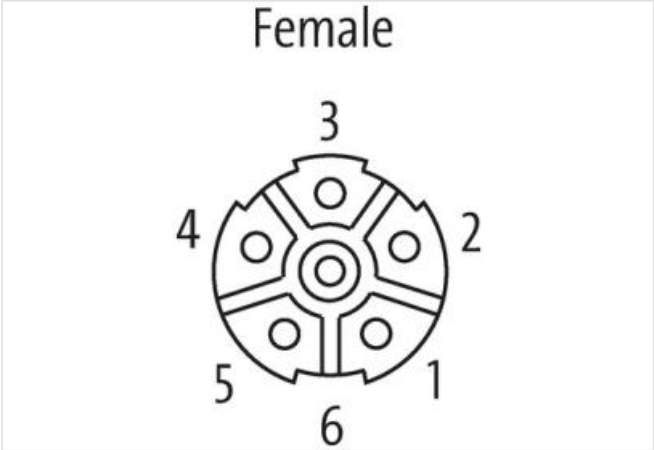
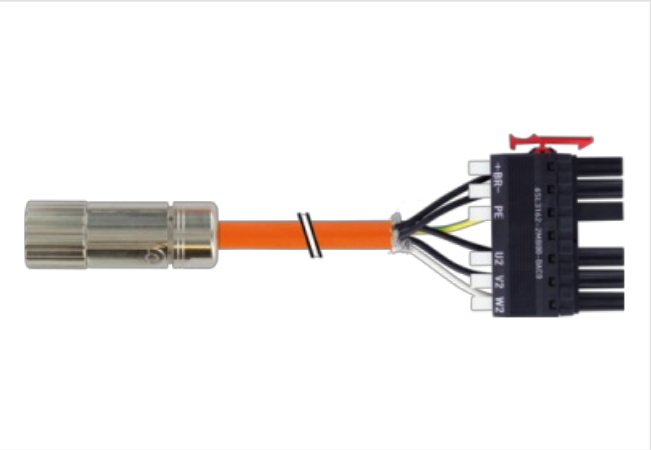
M23 SERVO CABLE

Specification: 6FX5002-5DS06-1BA0

Female straight – pre-wired terminals
M23, 6-pole
shielded
Power connector SIEMENS
Power cable with brake wires for SINAMICS S120 and motors with M23 connection and holding brake without cable sleeves
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

Illustration



Product may differ from Image

Form

Form PS411

Technical Data

| | |
|---------------------|--|
| Operating voltage | 600 V AC/DC (PIN 1/2/3/6); 250 V AC/DC (PIN 4/5) |
| Rated surge voltage | 4 kV (PIN 1/2/3/6); 2 kV (PIN 4/5) |

| | |
|---|--|
| Operating current per contact | Power cores: 12 A (1.5 mm ²), 15 A (2.5 mm ²); brake cores: 5 A (1.5 mm ²) |
| 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 | |
| Material (gasket) | FKM |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |
| Cables | |
| No./diameter of wires | (4G1.5 + (2× 1.5)C)-C |
| Wire isolation | TPM (bk num, gnye) |
| C-track properties | 0.1 Mio. |
| Outer Ø | 10.4 mm ±5% |
| Cable number | 861 |
| Approval (cable) | UL (AWM-Style 2570/10492), CSA |
| Diameter (core) | 4× 2.5 + 2× 1.5 mm ² |
| Shield | yes |
| Jacket Color | orange |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -20...+60 °C |
| Bend radius (fixed) | 5× outer Ø |
| Bend radius (moving) | 18× outer Ø |
| Torsion stress | ±30°/m |
| Material (jacket) | PVC (UL/CSA) (=MC500) |
| Product article number of manufacturer | 7000-PS411-8611000 |
| Cable length | 10 m |