

M23 Servo Cable

Specification: 6FX8002-5CN16-1BA0

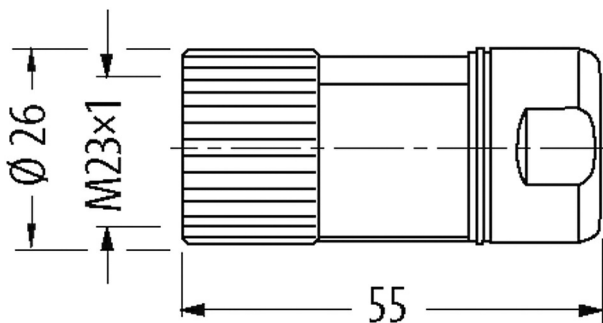
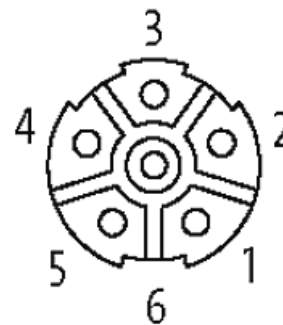
Female straight – pre-wired terminals
 Plastic housings with good resistance against chemicals and oils.
 M23, 6-pole
 4-pole used
 Power connector SIEMENS
 shielded
 without brake wires
 Power cable for SINAMICS S120 and Motors with M23 connection
 without cable sleeves
 Further cable lengths on request.

Link to Product

Illustration



Female



Product may differ from Image

Form

Form PS416

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 ²), 15 A (2.5 mm ²) |
| Material group | IEC 60664-1, category I |
| Locking of ports | Screw thread (M23×1 mm) recommended torque 2.0 Nm, self-securing |
| Compression gland | M23 (SW27) |
| Locking material | Brass, nickel plated |

| | |
|---|---------------------------------|
| Material | Zinc die casting, nickel-plated |
| suitable for corrugated tube (internal Ø) | without |

General data

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

Cables

| | |
|----------------------------|-------------------------------|
| Cable number | 857 |
| No./diameter of wires | (4G2.5+C) |
| Wire isolation | PP (bk num, gnye) |
| C-track properties | 10 Mio. |
| Torsion stress | ±30°/m |
| Jacket Color | orange |
| Material (jacket) | PUR (UL/CSA) (=MC800+) |
| Specification | 6FX8008-1BB21 |
| Outer Ø | 10.6 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) |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | HU |
| customs tariff number | 85444290 |
| EAN | 4048879681575 |
| eClass | 27279218 |
| Packaging unit | 1 |