

M23 female 0° 6-pole with cable

PVC 2.5 shielded or UL/CSA+drag ch. 25m

Power cable for SINAMICS S120 and Motors with M23 connection

Female straight

M23, 6-pole

4-pole used

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

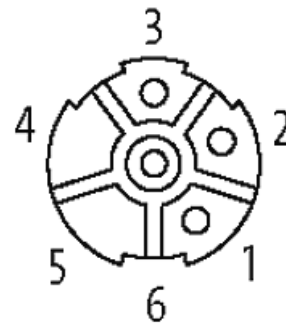
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

Illustration



Female



Product may differ from Image

Form

Form PS505

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); 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 |
| 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 |

General data

Pollution Degree 3

Temperature range -25...+85 °C, depending on cable quality

Cables

| | |
|----------------------------|--------------------------------|
| Cable number | 869 |
| No./diameter of wires | (4G2.5+C) |
| Wire isolation | PP (bk num, gnye) |
| C-track properties | 0.1 Mio. |
| Torsion stress | ±30°/m |
| Jacket Color | orange |
| Material (jacket) | PVC (UL/CSA) (=MC500) |
| Specification | 6FX5008-1BB21 |
| Outer Ø | 9.6 mm ±5% |
| Bend radius (fixed) | 5× outer Ø |
| Bend radius (moving) | 18× outer Ø |
| Temperature range (fixed) | -25...+80 °C |
| Temperature range (mobile) | -5...+60 °C |
| Shield | yes |
| Approval (cable) | UL (AWM-Style 2570/10492), CSA |
| Diameter (core) | 4× 2.5 mm ² |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879522700 |
| eClass | 27279218 |
| Packaging unit | 1 |