

M23 SIGNAL CABLE

Specification: 6FX8002-2EQ14-1AK0

Signal cable for SINAMICS S120 and motors with connection M23

Female straight – male straight

M23 – M23, 17-pole

without cable sleeves

Further cable lengths on request.

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

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)

Illustration



Product may differ from Image

Form

Form SS165

General data

Pollution Degree 3

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

Cables

Cable number 811

No./diameter of wires $3 \times (2 \times 0.14D) + 2 \times 0.5 + 4 \times 0.14 + 4 \times 0.22$ -C

Wire isolation PP (ye, gn, bk, br, rd, or, brld brbl, gr, bl, whye, whbk, brye, brgr, gnbk, gnrd)

C-track properties 10 Mio.

Jacket Color green

Material (jacket) PUR (UL/CSA)

Outer Ø 9.5 mm $\pm 5\%$

Bend radius (moving) $12 \times$ outer Ø

Temperature range (fixed) -50...+80 °C

Temperature range (mobile) -20...+60 °C

Shield yes

Bend radius (fixed) $10 \times$ outer Ø

Approval (cable) UL (AWM-Style 20236/1589), CSA; CE

Technical Data

Operating voltage max. 30 V AC/DC

Rated surge voltage 0.5 kV

Material group IEC 60664-1, category I

Locking of ports Screw thread (M23×1 mm) recommended torque 2.0 Nm, self-securing

Protection IP66K, IP67 inserted and tightened (EN 60529)

Locking material Brass, nickel plated

Material PUR

suitable for corrugated tube (internal Ø) without

Commercial data

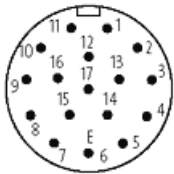
country of origin	DE
customs tariff number	85444290
EAN	4048879569767
eClass	27279218
Packaging unit	1

Sketch

Female



Male



Product may differ from Image