

M23 servo cable

specification: 6FX8002-5CA05-1AB5

Power cable for SINAMICS S120 and Motors with M23 connection

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

Female straight – male straight

M23 – M23, 6-pole

4-pole used

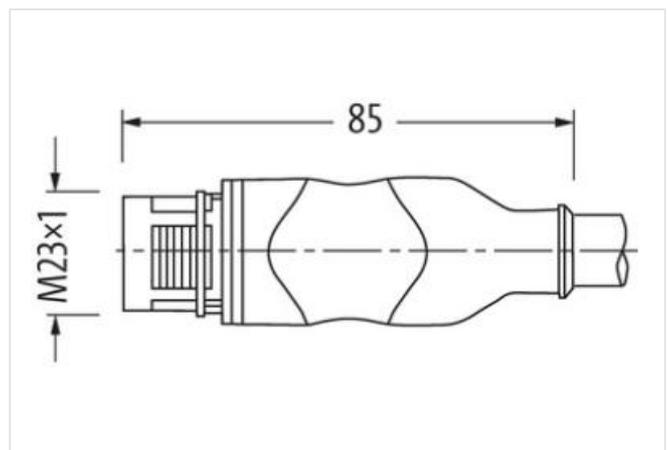
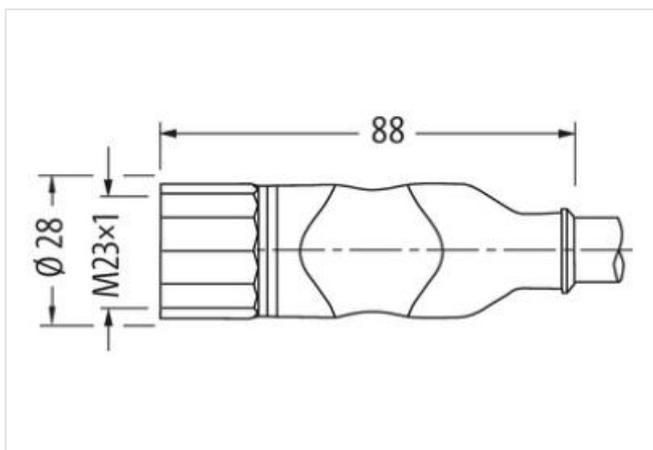
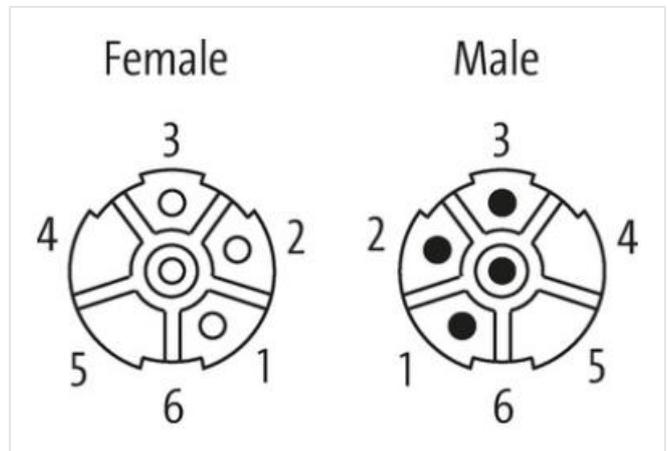
shielded

without brake wires

without cable sleeves

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

Link to Product**Illustration**

Product may differ from Image

Form

Form PS105

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
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

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-PS105-8540150
Cable length	1,5 m