

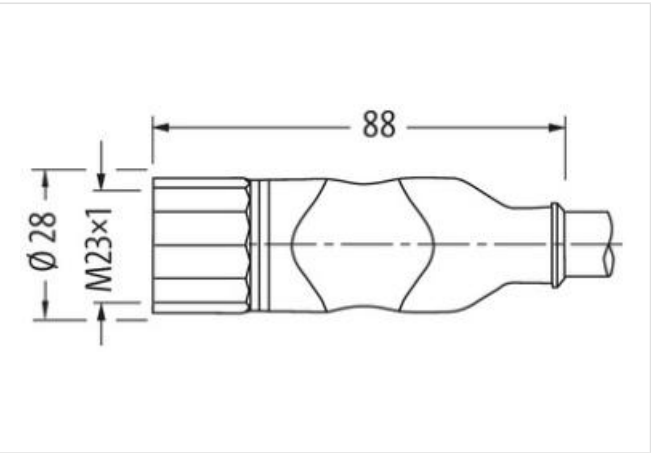
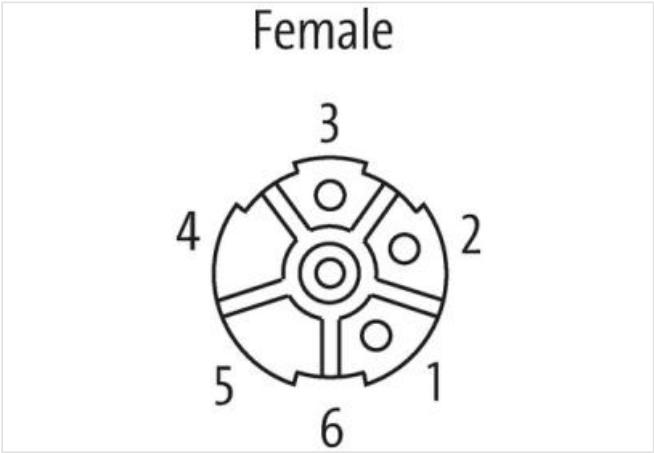
M23 SERVO CABLE

specification: 6FX8002-5CA11-1BC0

Power cable for SINAMICS S120 and Motors with M23 connection
Female straight – pre-wired terminals
M23, 6-pole
4-pole used
shielded
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	PS205
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 mm²), 15 A (2.5 mm²); brake cores: 5 A (1.5 mm²)
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
Compression gland	M23 (SW27)
General data	
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
No./diameter of wires	(4G2.5+C)
Wire isolation	PP (bk num, gnye)
C-track properties	10 Mio.
Outer Ø	10.6 mm ±5%
Cable number	857
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-PS205-8571200
Cable length	12 m