

M23 SERVO CABLE

Specification: 6FX8002-5CS01-1BA0

Power cable for SINAMICS S120 and Motors with M23 connection

Female straight – pre-wired terminals

M23, 6-pole

4-pole used

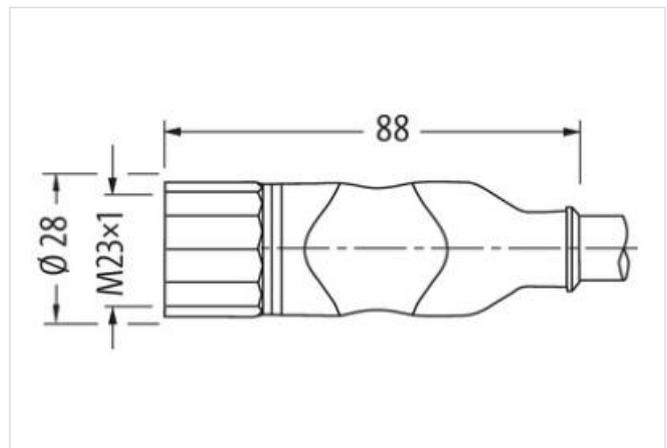
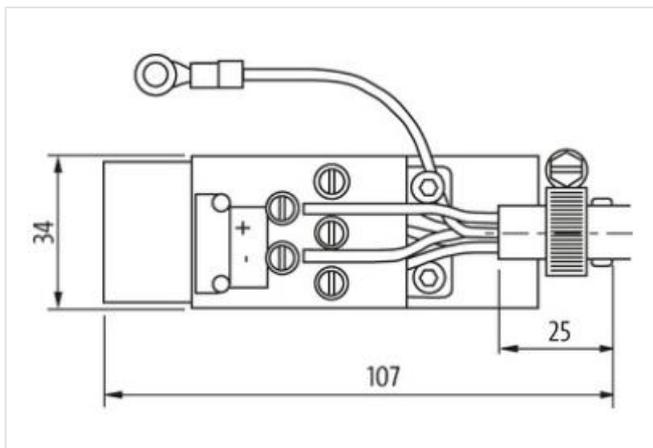
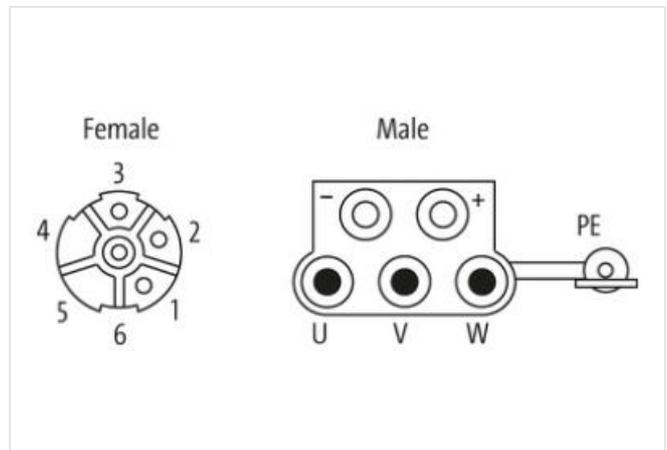
Further cable lengths on request.

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



Product may differ from Image

Form

Form PS015

Technical Data

Operating voltage	max. 630 V AC/DC
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)
Locking of ports	Screw thread (M23×1 mm) recommended torque 2.0 Nm, self-securing
Protection	IP20/IP67
Material	PUR

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-13

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Locking material	Brass, nickel plated
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-PS015-8541000
Cable length	10 m