

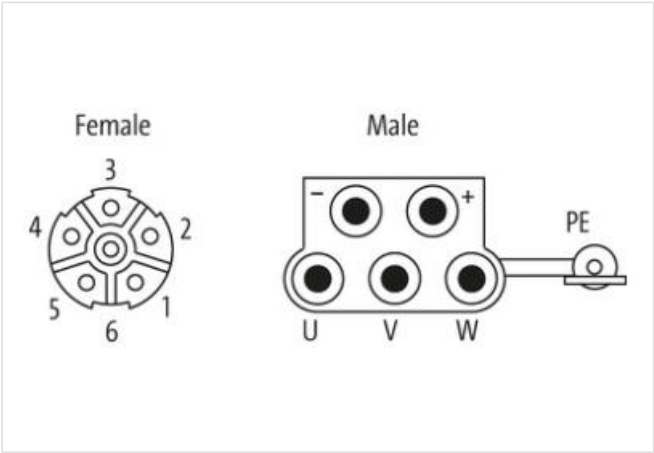
M23 servo cable

specification: 6FX5002-5DS01-1DB0

Power cable with brake wires for SINAMICS S120 and motors with M23 connection and holding brake
Female straight – pre-wired terminals
M23, 6-pole
shielded
without cable sleeves
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 PS011

Technical Data

Operating voltage	600 V AC/DC (PIN 1/2/3/6); 250 V AC/DC (PIN 4/5)
Rated surge voltage	4 kV (PIN 1/2/3/6); 2 kV (PIN 4/5)
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	IP20/IP67
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	(4G1.5 + (2× 1.5)C)-C
Wire isolation	TPM (bk num, gnye)
C-track properties	0.1 Mio.
Outer Ø	10.4 mm ±5%
Cable number	861
Approval (cable)	UL (AWM-Style 2570/10492), CSA
Diameter (core)	4× 2.5 + 2× 1.5 mm²
Shield	yes
Jacket Color	orange
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+60 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	18× outer Ø
Torsion stress	±30°/m
Material (jacket)	PVC (UL/CSA) (=MC500)
Product article number of manufacturer	7000-PS011-8613100
Cable length	31 m