

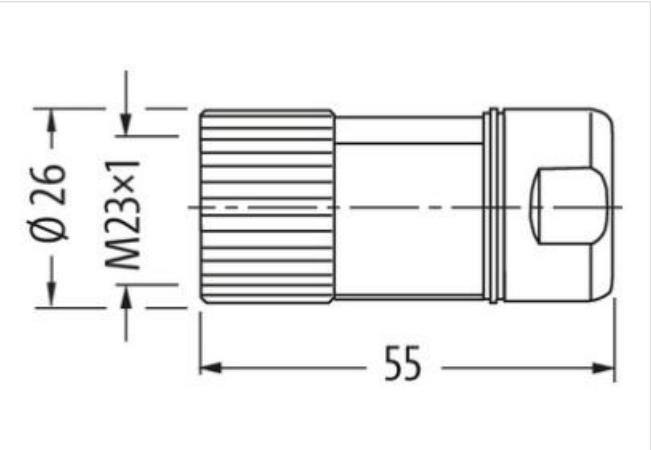
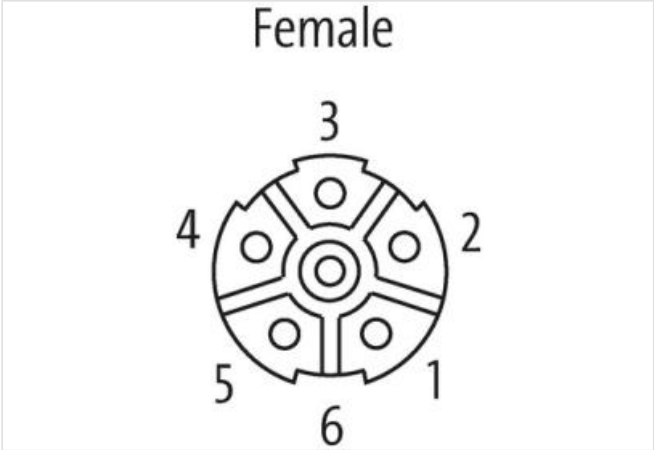
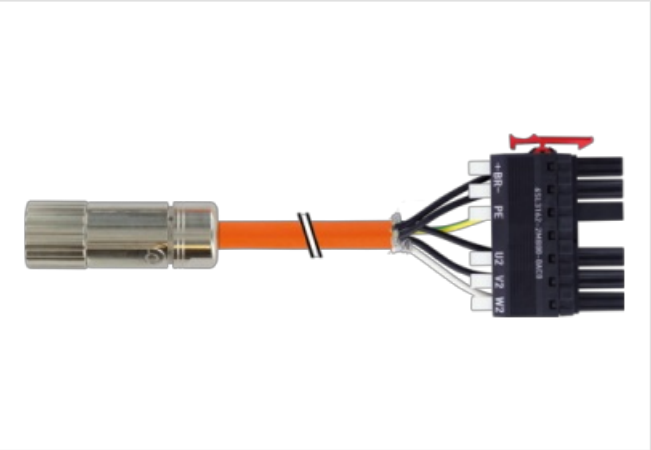
M23 SERVO CABLE

Specification: 6FX5002-5DN06-1BF0

Female straight – pre-wired terminals  
M23, 6-pole  
Power connector SIEMENS  
shielded  
Power cable for SINAMICS S120 and Motors with M23 connection  
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 PS412

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
Material	Zinc die casting, nickel-plated
Locking material	Brass, nickel plated
suitable for corrugated tube (internal Ø)	without
Compression gland	M23 (SW27)
<b>General data</b>	
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
<b>Cables</b>	
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-PS412-8611500
Cable length	15 m