

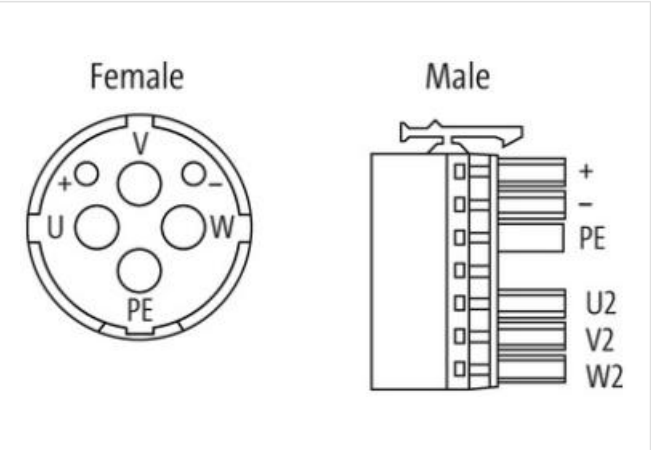
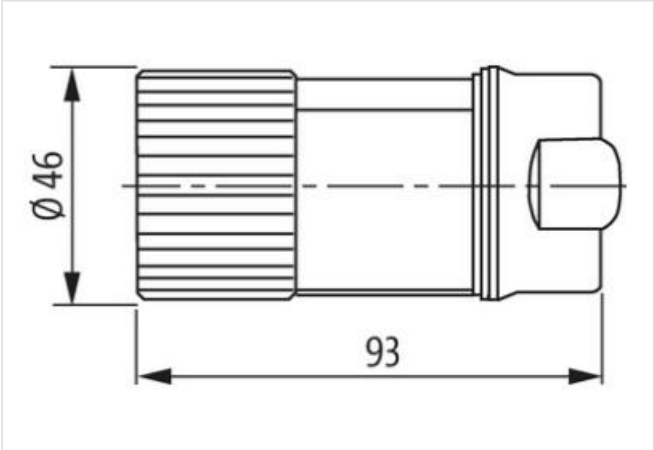
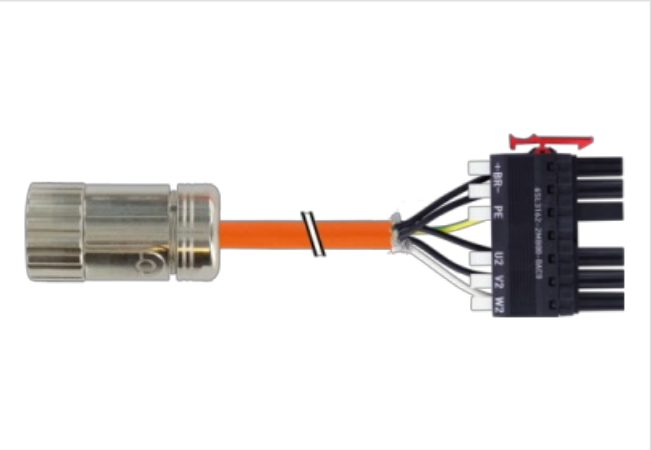
M40 Servo Cable

Specification: 6FX5002-5DS36-1DB0

Female straight
without cable sleeves
M40
6-pole
Power connector SIEMENS
Terminals
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 PS421

Technical Data

Operating voltage	max. 630 V AC/DC
Rated surge voltage	6.0 kV
Material group	IEC 60664-1, category I

Locking of ports	M40×1.5 mm
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Compression gland	M40 (SW46)

General data

Pollution Degree	3
Temperature range	-20...+85 °C

Cables

No./diameter of wires	(4G2.5 + (2× 1.5)C)-C
Wire isolation	TPM (bk num, gnye)
C-track properties	0.1 Mio.
Outer Ø	12.0 mm ±5%
Cable identification	863
Cable number	863
Approval (cable)	UL (AWM-Style 2570/10492), CSA
Material (wire)	Cu wire, bare
Resistor (core)	max. 13.3 Ω/km (20 °C)
Single wire Ø (core)	0.25 mm
Diameter (core)	(4G2.5 + (2× 1.5)C)-C
Material (wire isolation)	PP
Wire-Ø incl. isolation	2.4 ±5% (1.5 mm ²); 3.0 ±5% (2.5 mm ²)
Color/numbering of wires	bk, wh (1.5 mm ²); bk, gnye longitudinally striped (2.5 mm ²)
Shield	yes
Shield (Type)	Copper braid
optical shield cover	min. 85%
Material (jacket)	PVC
Outer-Ø (jacket)	12.0 mm ±5%
Color (jacket)	orange
Jacket Color	orange
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Temperature range (fixed)	-20...+80 °C
Temperature range (fixed)	-20...+80 °C
Temperature range (mobile)	-20...+60 °C
Temperature range (mobile)	-20...+60 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Torsion stress	±30°/m
Material (jacket)	PVC (UL/CSA) (=MC500)
Product article number of manufacturer	7000-PS421-8633100
Cable length	31 m