

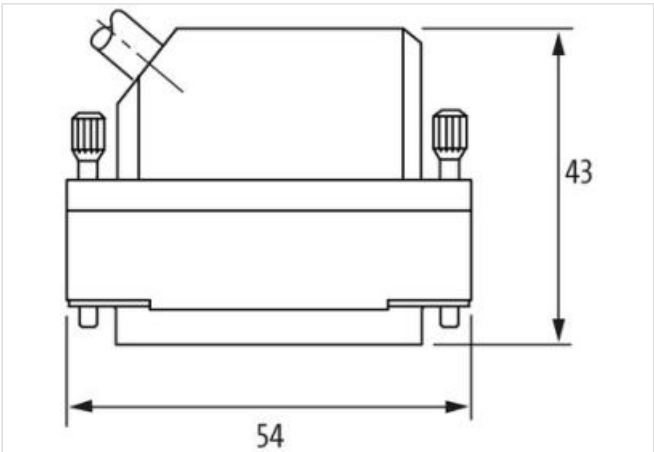
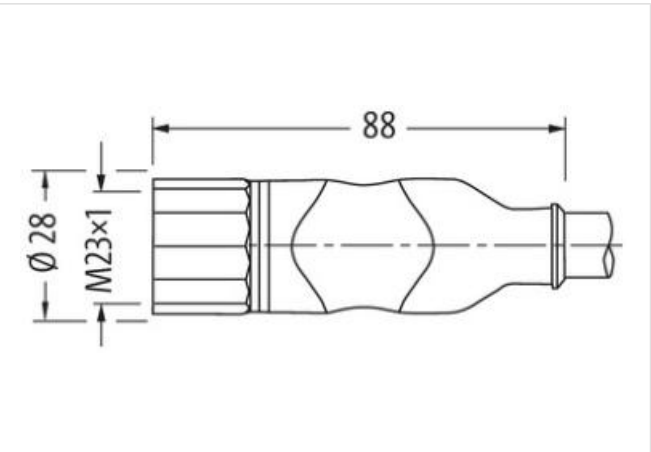
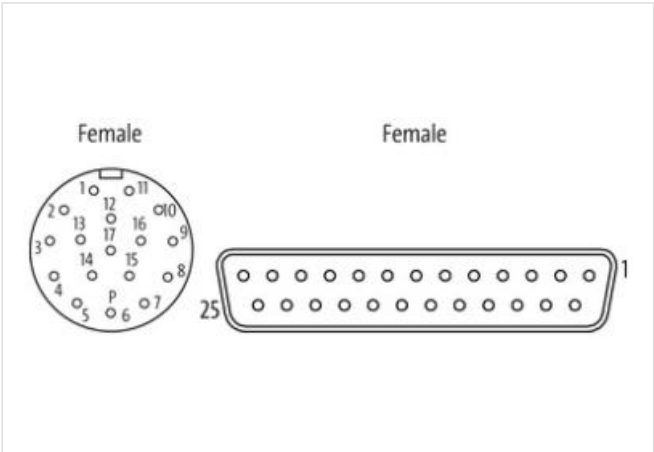
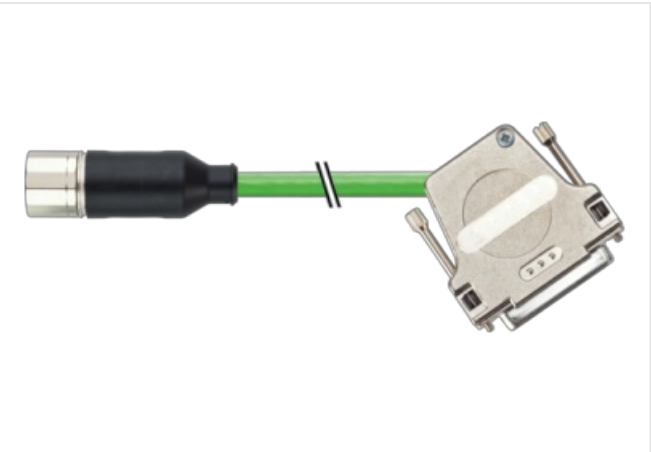
M23 SIGNAL CABLE

Specification: 6FX8002-2EQ10-1BF0

Signal cable for SINAMICS S120 and motors with connection M23
Female straight – female 90°
M23, 17-pole – SUB-D25
shielded
Further cable lengths on request.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Plastic housings with good resistance against chemicals and oils.

Link naar het product

Afbeelding



Product van afwijken van afbeelding

Cable length	15 m
Side 1	
Tightening torque	2 Nm
Family construction form	M23
Thread	M23 x 1
Width across flats	SW27
Degree of protection (EN IEC 60529)	IP65, IP67

Side 2

Family construction form SUB-D25

Degree of protection (EN IEC 60529) IP20

Commerciële gegevens

ECLASS-6.0 27279218

ECLASS-6.1 27060307

ECLASS-7.0 27060307

ECLASS-8.0 27060307

ECLASS-9.0 27060307

ECLASS-10.1 27060307

ECLASS-11.1 27060307

ECLASS-12.0 27060307

ETIM-5.0 EC001855

Douane tarief nummer 85444290

GTIN 4048879648653

Verpakkingseenheid 1

Electrical data | Supply

Operating voltage AC max. 30 V

Operating voltage DC max. 30 V

Device protection | Electrical

Rated surge voltage 0,5 kV

Material group (IEC 60664-1) I

Mechanical data | Material data

Coating locking nickel plated

Locking material Brass

Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

Environmental characteristics | Climatic

Operating temperature min. -25 °C

Operating temperature max. 85 °C

Additional condition temperature range depending on cable quality

Important installation notes

Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

Note on bending radius **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.**Installation | Cable**

wire arrangement brown, black, blue, white

Cable identification 811

Function cable Hybrid

Jacket Color black

Stranding cable total 6 Stranded joints around Filler twisted

Amount stranding 2

Stranding 4 wires twisted

Amount stranding (type 2) 1

Stranding (type 2) 2 wires twisted

Amount stranding (type 3) 3

Stranding (type 3) 2 wires with Filler twisted

Cable shielding (type) copper braiding, bare

Banding Foil

Filler yes

wire arrangement brown, black, blue, white

Material jacket	PUR
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	9,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	10
Outer diameter insulation	0,85 mm
Shore hardness wire insulation	65 ± 5 Shore D
Amount strands (wire)	7
Diameter of single wires	0,16 mm
Conductor crosssection (wire)	0,14 mm ²
Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Data)	2 mm
Amount wires (Data)	4
Amount strands wire (Data)	7
Diameter of single wires (Data)	0,127 mm
Conductor crosssection wire (Data)	0,22 mm ²
Material conductor wire (Data)	copper stranded wire, tinned
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire	148,9 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	93,3 Ω/km @ 20 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	x Outer diameter
Bending radius (dynamic)	6 x Outer diameter
No. of bending cycles (C-track)	2 Mio.