MURR ELEKTRONIK
stay connected

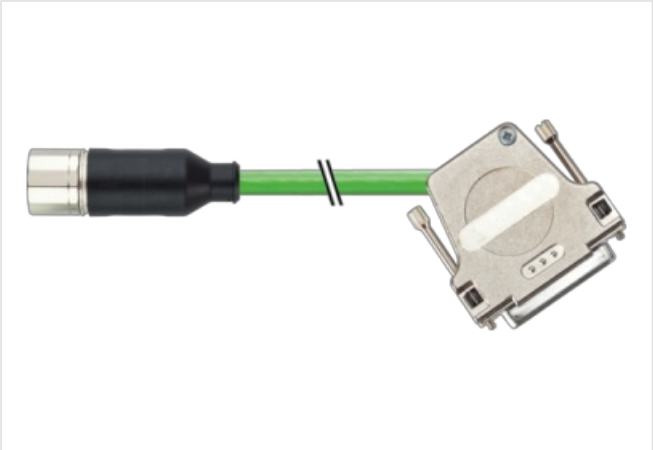
M23 SIGNAL CABLE

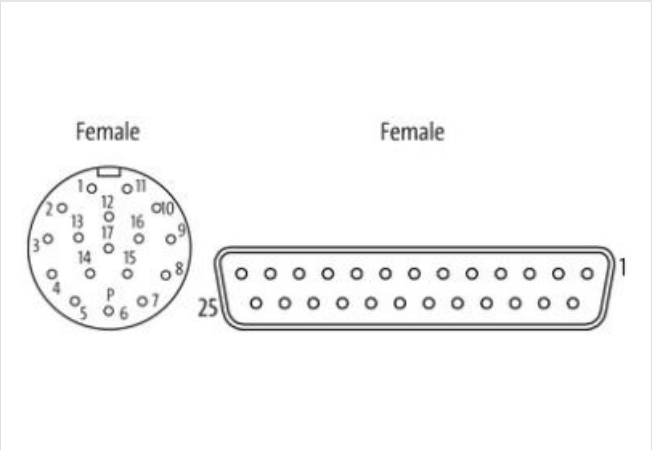
Specification: M6FX8002-2CH00-1BA0

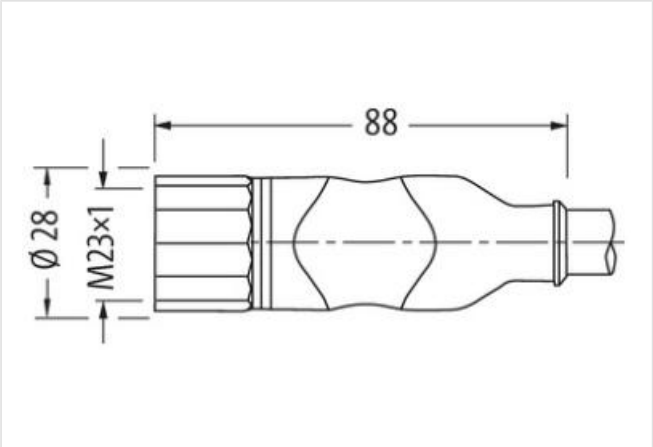
Signal cable for SINAMICS S120 and motors with connection M23
Female straight – female 90°
M23, 17-pole – SUB-D25
shielded
Further cable lengths on request.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Plastic housings with good resistance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

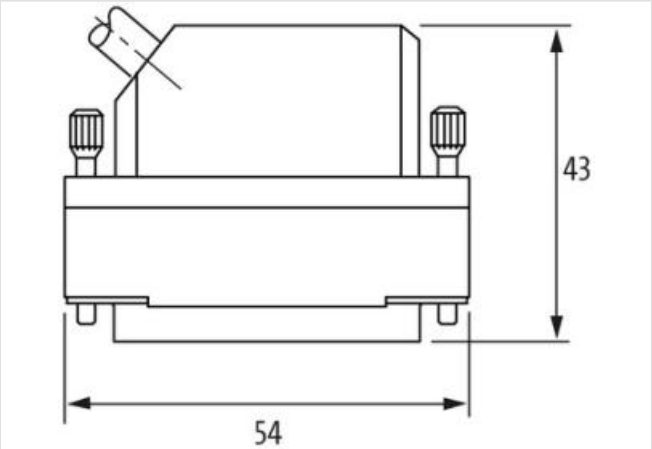
Link to Product

Illustration









Product may differ from Image

Cable length	10 m
Side 1	
Tightening torque	2 Nm
Family construction form	M23
Thread	M23 x 1
Commercial data	
ECLASS-6.0	27279218

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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
customs tariff number	85444290
GTIN	4048879481618
Packaging unit	1
Electrical data | Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20, IP67
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	882
Jacket Color	black
Amount stranding	1
Stranding	4 wires twisted
Cable shielding (type)	copper braiding, bare
wire arrangement	brown, black, blue, white
Material jacket	PUR
Outer-diameter (jacket)	5,7 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	6
Conductor crosssection (wire)	0,14 mm²
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 | UL 1581 § 1100 FT2 | IEC 60332-2-2
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

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Bending radius (dynamic)	6 x Outer diameter
No. of bending cycles (C-track)	2 Mio.

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