

M23 SIGNAL CABLE

Specification: M6FX8002-2CH00-1AF0

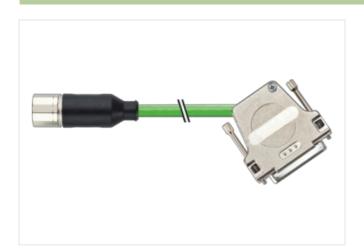
Signal cable for SINAMICS S120 and motors with connection M23 Female straight – female 90° M23, 17-pole - SUB-D25 shielded

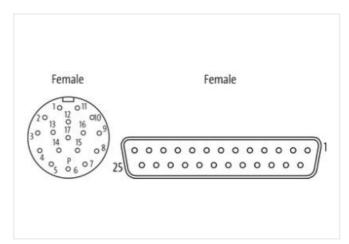
Further cable lengths on request.

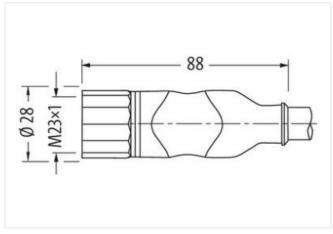
The resistance to aggressive media should be individually tested for your application. Further details on request. Plastic housings with good resistance against chemicals and oils.

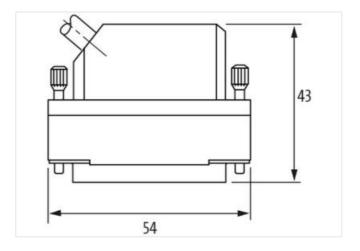
Link to Product

Illustration









Product may differ from Image

Cable length	5 m
Side 1	
Tightening torque	2 Nm
Thread	M23 x 1
Commercial data	
ECLASS-6.0	27279218



stay connected

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	4048879481601
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
	II 20, II 01
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.
In ability of Oakle	
Installation Cable	
Installation Cable Cable identification	882
Cable identification	882 black
Cable identification Jacket Color	black
Cable identification Jacket Color Amount stranding	black 1
Cable identification Jacket Color Amount stranding Stranding	black 1 4 wires twisted
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type)	black 1 4 wires twisted copper braiding, bare
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement	black 1 4 wires twisted copper braiding, bare brown, black, blue, white
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket)	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath)	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket)	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 %
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire)	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP 6 0,14 mm²
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP 6 0,14 mm² Stranded copper wire, bare
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max.	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ±5 % PP 6 0,14 mm² Stranded copper wire, bare 300 V
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard)	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP 6 0,14 mm² Stranded copper wire, bare 300 V to DIN VDE 0298-4
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Operating temperature min. (dynamic)	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP 6 0,14 mm² Stranded copper wire, bare 300 V to DIN VDE 0298-4 -25 °C
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP 6 0,14 mm² Stranded copper wire, bare 300 V to DIN VDE 0298-4 -25 °C 80 °C
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Operating temperature min. (dynamic) UV resistance	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ±5% PP 6 0,14 mm² Stranded copper wire, bare 300 V to DIN VDE 0298-4 -25 °C 80 °C DIN EN ISO 4892-2 A
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Operating temperature min. (dynamic) UV resistance Flame resistance	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP 6 0,14 mm² Stranded copper wire, bare 300 V to DIN VDE 0298-4 -25 °C 80 °C DIN EN ISO 4892-2 A UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Operating temperature min. (dynamic) UV resistance Flame resistance chemical resistance	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP 6 0,14 mm² Stranded copper wire, bare 300 V to DIN VDE 0298-4 -25 °C 80 °C DIN EN ISO 4892-2 A UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Operating temperature min. (dynamic) UV resistance Flame resistance chemical resistance Gasoline resistance	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP 6 0,14 mm² Stranded copper wire, bare 300 V to DIN VDE 0298-4 -25 °C 80 °C DIN EN ISO 4892-2 A UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing Good, application-related testing
Cable identification Jacket Color Amount stranding Stranding Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Operating temperature min. (dynamic) UV resistance Flame resistance chemical resistance Gasoline resistance Oil resistance	black 1 4 wires twisted copper braiding, bare brown, black, blue, white PUR 5,7 mm ± 5 % PP 6 0,14 mm² Stranded copper wire, bare 300 V to DIN VDE 0298-4 -25 °C 80 °C DIN EN ISO 4892-2 A UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20



Travel speed (C-track) 2 Mio.