

## M23 female 0° 17-pole with cable

PUR (3x(2x0,14D)+2x0,5+4x0.14+4x0,22)C 3m

Signal cable for SINAMICS S120 and motors with connection M23

Female straight

M23, 17-pole

shielded

Further cable lengths on request.

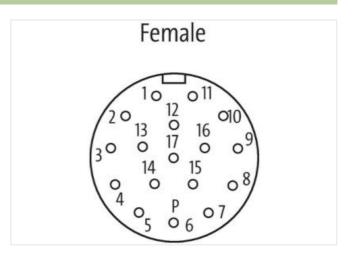
Plastic housings with good resistance against chemicals and oils.

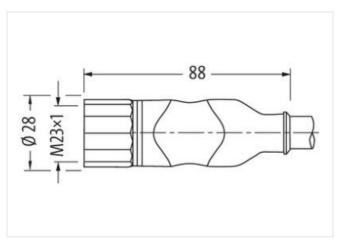
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **Link to Product**

## Illustration







Product may differ from Image

Cable length	3 m
Side 1	
Tightening torque	2 Nm
Thread	M23 x 1
Commercial data	
ECLASS-6.0	27279218



stay connected

	0700007
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	4048879486620
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)	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
Installation   Cable	
Cable identification	811
Jacket Color	black
Amount stranding	2
Amount stranding Stranding	2 4 wires twisted
Stranding	4 wires twisted
Stranding Amount stranding (type 2)	4 wires twisted 1
Stranding Amount stranding (type 2) Stranding (type 2)	4 wires twisted  1 2 wires twisted
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3)	4 wires twisted  1 2 wires twisted  3
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler	4 wires twisted  1 2 wires twisted 3 2 wires with Filler twisted copper braiding, bare Foil yes
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement	4 wires twisted  1 2 wires twisted 3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket)	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare  Foil yes brown, black, blue, white  PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 %
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted  copper braiding, bare  Foil  yes  brown, black, blue, white  PUR  lead-free, CFC-free, halogen-free  9,5 mm  ± 5 %  PP
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted  copper braiding, bare  Foil  yes  brown, black, blue, white  PUR  lead-free, CFC-free, halogen-free  9,5 mm  ± 5 %  PP  10
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 % PP 10 0,85 mm
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Shore hardness wire insulation	4 wires twisted  1 2 wires twisted 3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 % PP 10 0,85 mm 65 ± 5 Shore D
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Shore hardness wire insulation Amount strands (wire)	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted  copper braiding, bare  Foil  yes  brown, black, blue, white  PUR  lead-free, CFC-free, halogen-free  9,5 mm  ± 5 %  PP  10  0,85 mm  65 ± 5 Shore D  7
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Shore hardness wire insulation Amount strands (wire) Diameter of single wires	4 wires twisted  1 2 wires twisted 3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 % PP 10 0,85 mm 65 ± 5 Shore D 7 0,16 mm
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Shore hardness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 % PP 10 0,85 mm 65 ± 5 Shore D 7 0,16 mm 0,14 mm²
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Shore hardness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 % PP 10 0,85 mm 65 ± 5 Shore D 7 0,16 mm 0,14 mm² Stranded copper wire, bare
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Shore hardness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Outer diameter wire insulation (Data)	4 wires twisted  1 2 wires twisted 3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 % PP 10 0,85 mm 65 ± 5 Shore D 7 0,16 mm 0,14 mm² Stranded copper wire, bare 2 mm
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Shore hardness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Outer diameter wire insulation (Data) Amount wires (Data)	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 % PP 10 0,85 mm 65 ± 5 Shore D 7 0,16 mm 0,14 mm² Stranded copper wire, bare 2 mm 4
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Shore hardness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Outer diameter wire insulation (Data) Amount strands wire (Data)	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 % PP 10 0,85 mm 65 ± 5 Shore D 7 0,16 mm 0,14 mm² Stranded copper wire, bare 2 mm 4 7
Stranding Amount stranding (type 2) Stranding (type 2) Amount stranding (type 3) Stranding (type 3) Cable shielding (type) Banding Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Shore hardness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Outer diameter wire insulation (Data) Amount wires (Data)	4 wires twisted  1 2 wires twisted  3 2 wires with Filler twisted copper braiding, bare Foil yes brown, black, blue, white PUR lead-free, CFC-free, halogen-free 9,5 mm ± 5 % PP 10 0,85 mm 65 ± 5 Shore D 7 0,16 mm 0,14 mm² Stranded copper wire, bare 2 mm 4

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: 2024-05-17



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
Travel speed (C-track)	2 Mio.