

## M23 female 0° 17-pole with cable

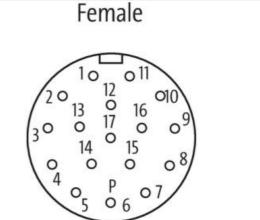
PUR (3x(2x0,14D)+2x0,5+4x0.14+4x0,22)C 20m

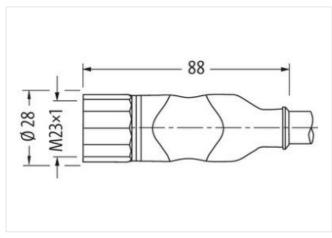
Signal cable for SINAMICS S120 and motors with connection M23 Female straight M23, 17-pole with cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further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

## Link to Product









Product may differ from Image

Cable length	20 m	
Side 1		
Tightening torque	2 Nm	
Family construction form	M23	
Thread	M23 x 1	
Width across flats	SW27	
Commorcial data		

Commercial dat

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: 2024-05-19

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Operating voltage DC max.     30 V       Device protection [Electrical	Operating voltage AC max.	30 V
Device protection (ENEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Mechanical dial [Material data     Image and the screwed       Costing locking     nickel plated       Material housing     PUR       Locking material     Brass       Mechanical dial [Mouning data     Image and the screwed, Shaking protection       Mouning method     inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature man.     85 °C       Additional condition temperature range     depending on cable quality       Installion ICable     Image and the screwed shaking protection       Cable identification     811       Jacket Color     black       Amount stranding     2       Stranding (type 2)     1       Stranding (type 3)     3       Stranding (type 3)     2 wires twisted       Amount stranding (type 3)     2 wires twisted       Rober Stranding (type 3)     2 wires twisted       Rober Stranding (type 3)     2 wires twisted		
Dagree of protection (EN IEC 80529)     IP85, IP67       Additional condition protection degree     inserted, sorewed       Metenial data   Material data     inserted, sorewed       Casting locking on incidel plated     material housing       PUR     costing locking material       Metenial housing     PUR       Cocking material     Brass       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     25 °C       Operating temperature min.     25 °C       Operating temperature max.     86 °C       Additional condition temperature may.     depending on cable quality       Installation   Cable     Cable identification       Standing     811       Jacket Color     black       Amount stranding (type 2)     1       Stranding (type 3)     2 wires twisted       Amount stranding (type 3)     2 wires twisted       Cable identification     90       Stranding (type 3)     2 wires twisted       Cable identification     90       Cable identificat		
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Locking material     Brass       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C     Additional condition temperature max.     85 °C       Cable identification     811     Cable identification     811       Jacket Color     black     Amount stranding (type 2)     1       Stranding (type 2)     2 wires twisted     Amount stranding (type 3)     3       Stranding (type 3)     3     Stranding (type 3)     3       Stranding (type 3)     2 wires with Filler twisted     Cable ashielding (type 3)     3       Banding     Foil     Filler     Vers Stranding (type 3)     3       Wire arrangement     brown, black, blue, white     Material jacket     PUR       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free     Outer-diameter (skeath)     ± 5 %       Material wire insulation     PS Twm     Tolerance outer diameter (skeath)     ± 5 %  <	Coating locking	nickel plated
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature may     65 °C       Additional condition temperature range     depending on cable quality     Installation   Cable       Cable identification     811     Jacket Color     black       Amount stranding     2     Stranding     4 wires twisted       Amount stranding (type 2)     1     Stranding (type 2)     2 wires twisted       Annount stranding (type 3)     3     Stranding (type 3)     3       Stranding (type 3)     2 wires twisted     Cable shielding (type 3)     3       Stranding (type 3)     2 wires twisted     Cable shielding (type 3)     3       Stranding (type 3)     2 wires twisted     Cable shielding (type 3)     3       Stranding (type 3)     2 wires twisted     Cable shielding (type 3)     5 °C       Filler     yes     Stranding (type 3)     5 °C     Stranding (type 3)     5 °C       Vire arrangement     brown, black, blue,	Material housing	PUR
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Material jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)9,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires10Outer diameter insulation0,85 mmShore hardness wire insulation65 ± 5 Shore DAmount strands (wire)7Diameter of single wires0,16 mmConductor crosssection (wire)0,14 mm²		
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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 <sup>2</sup>
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.

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