

M23 female 0° with cable shielded

PUR 0.34+0.75 shielded gy UL/CSA+drag ch. 15m

Art.No.: 7000-23751-4011500

Weight: 3.344

Country of origin: DE

Model designation: MS23SNBB19-000_401_15.0

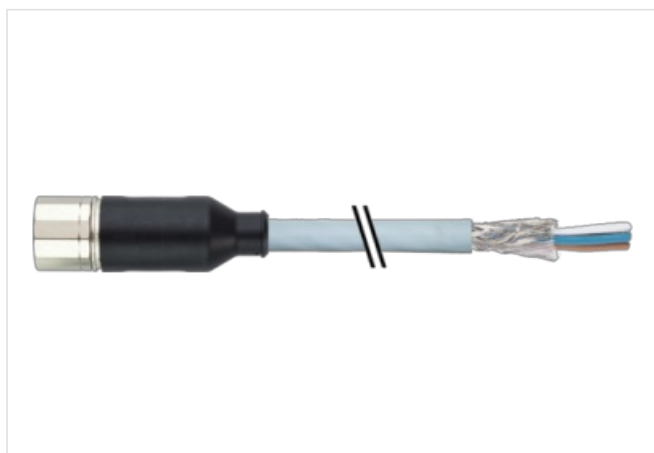
Advantages of our connectors:

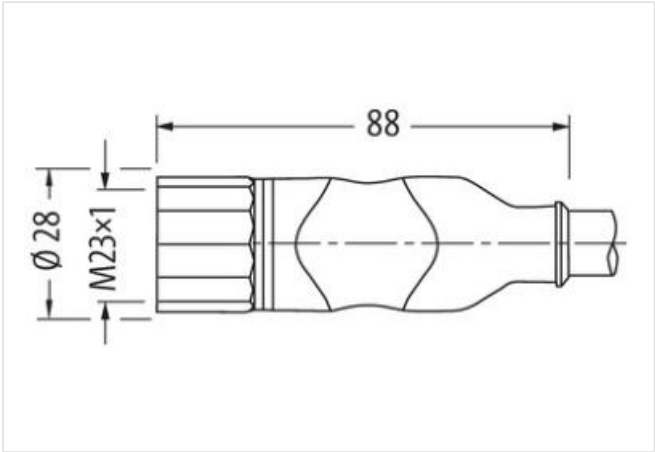
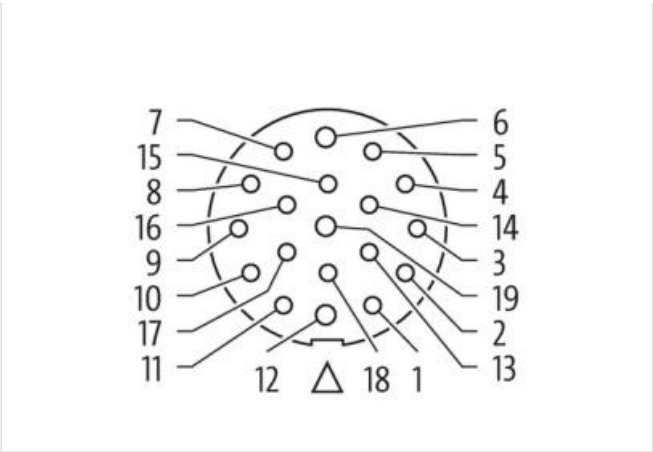
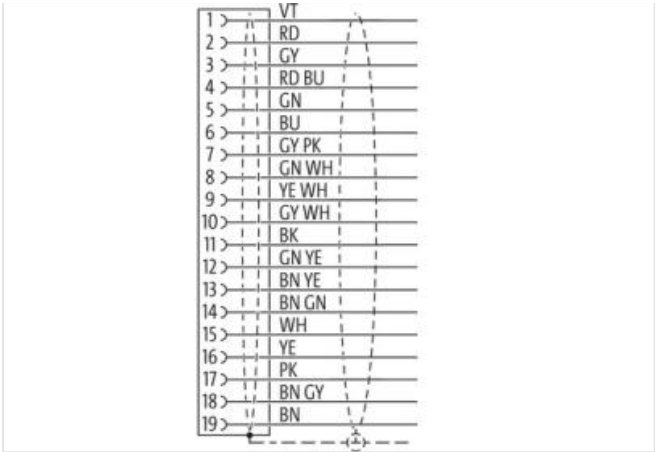
Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available [on request](#)

If you are missing technical information? Please feel free to use our [dictionary](#) to find more technical details.

Product details:**Female straight****M23, 19-pole****19-pole used****for 8-way distribution boxes, 5-pole****Shield on M23 cap nut****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	15 m
Side 1	
Tightening torque	2 Nm
Mounting method	inserted, screwed
Family construction form	M23
Thread	M23 x 1
Material	PUR
Width across flats	SW27
Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879187718
EAN	4048879187718

Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	10 A
Installation Connection	
Mounting set	M23 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Mechanical data Material data	
Coating of fitting	nickel plated
Material screw connection	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, blue, green-yellow, (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white)
Cable identification	401
Cable Type	3
Function cable	Hybrid, Signal, Power
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	16 wires around Stranding combination counter-rotating twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece
wire arrangement	brown, blue, green-yellow, (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white)
Cable weight	237,6 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	11,7 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	2,6 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free

Amount strands (wire)	96
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Power)	PP
Outer diameter wire insulation (Power)	1,3 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	55 Shore A±5 Shore A
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount wires (Power)	16
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,1 mm
Wire conductor cross section (Power)	0,34 mm ²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Current carrying capacity min. wire (Power)	4 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	53 Ω/km @20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	90 °C
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 (fixed)	10 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	1,8 m @ 25 °C horizontal
Travel speed (C-track)	2 m/s @ 25 °C