

#### M8 female 90° with cable

PUR 8x0.14 2m

Art.No.: 7000-08971-6960200

Weight: 0.04

Country of origin: CZ

Model designation: MSGL0-08D696 2.0

# 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 90°

M8, 8-pole

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

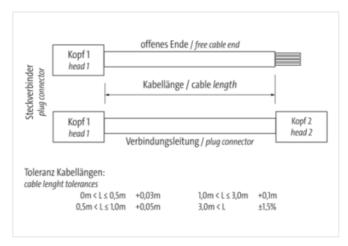
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

## **Link to Product**

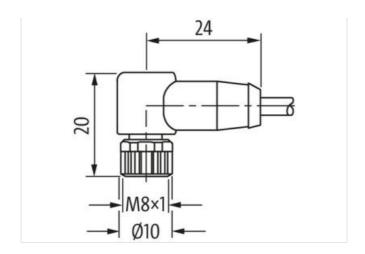
# Illustration



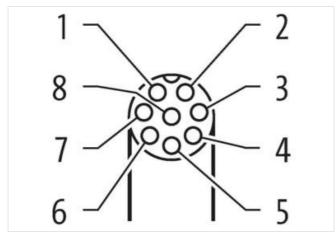




stay connected



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Product may differ from Image









Cable length	2 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Gender	female
Cable outlet	angled
Coding	A
Material contact	Copper alloy
Material	TPU
No. of poles	8
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP67
Side 2	
Family construction form	free cable end
Commercial data	

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: 2025-06-13



ECLASS-6.0         22727818           ECLASS-7.0         2272918           ECLASS-7.0         2272918           ECLASS-8.0         2727918           ECLASS-9.0         27290311           ECLASS-1.1         27000311           ECLASS-1.2         27000311           ECLASS-1.2.0         27000311           ECLASS-1.2.0         EC001855           ETIM-6.0         EC001855           ETIM-7.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           ETIM-9.0         EC001855           ETIM-9.0         EC001855           ETIM-9.0         EC001855           ETIM-9.0         EC001855           ECLAS SEAL (ACCASA)         ECO01855           ETIM-9.0         EC001855           ETIM-9.0         EC001855           Cualoms teriff number         ES444290           Cualoms teriff number         BS444290           Cualoms teriff number         1           EAN         406900007475           Packaging unit         1           Tale Section detail Suppty         Correction detail section Suppty           Operating voltage Domax         30 V		
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Coating of fitting nickel plated  Color contact carrier green  Material gasket FPM  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min30 °C  Operating temperature max. 80 °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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		
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Product standard	Note on bending radius	
Product standard DIN EN 61076-2-104 (M8)	Conformity	
	Product standard	DIN EN 61076-2-104 (M8)

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: 2025-06-13



Installation   Cable	
wire arrangement	white, brown, green, yellow, gray, pink, blue, red
Cable identification	696
Jacket Color	black
Amount stranding	1
Stranding	8 wires around Filler twisted
wire arrangement	white, brown, green, yellow, gray, pink, blue, red
Material jacket	PUR
Outer-diameter (jacket)	5,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,07 mm
Outer diameter tolerance core insulation	±5%
Amount strands (wire)	18
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,14 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	78 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-15 °C
Operating temperature max. (dynamic)	80 °C
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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	6 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Travel speed (C-track)	5 m/s