

M8 male 90° with cable, 180°

PUR 8x0.14 bk 10m

Art.No.: 7000-08932-6961000

Weight: 0.12

Country of origin: DE

Model designation: MSIL0-08D696 10.0-180°

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:

Male 90°

M8, 8-pole

with cable sleeves

Attention: Contact carrier turned to 180°!

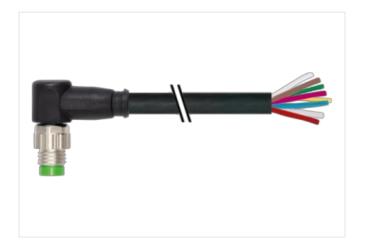
Plastic housings with good resistance against chemicals and oils.

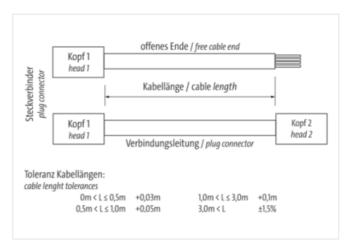
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product

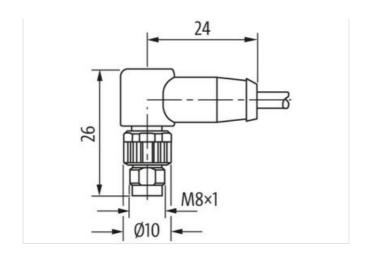
Illustration



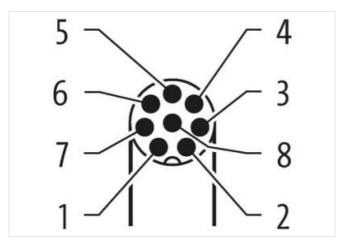




stay connected



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	RD	



Product may differ from Image







Cable length	10 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
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	



stay connected

ECLASS-6.1 ECLASS-7.0 ECLASS-8.0 2779718 ECLASS-8.0 ECLASS-8.0 ECLASS-9.0 ECLASS-1.1 27960311 ECLASS-1.1 ECLASS-1.2 ECON1855 ETIM-6.0 ECON1855 ETIM-6.0 ECON1855 ETIM-8.0 ETIM-8.0 ECON1855 ETIM-8.0 ETIM-8.0 ECON1855 ETIM-8.0 ETIM-8.0 ECON1855 ETIM-8.0 ETIM-8.0 EVENTOR AND	ECLASS-6.0	27279218	
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Product standard DIN EN 61076-2-104 (M8)	Note on bending radius		
	Conformity		
Installation Cable	Product standard	DIN EN 61076-2-104 (M8)	
	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 mm ²
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

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