

## M8 male 0° / M8 female 0° A-cod. shielded

PVC 4x0.34 shielded gy UL/CSA 3m

Male straight – female straight M8 – M8, 4-pole shielded

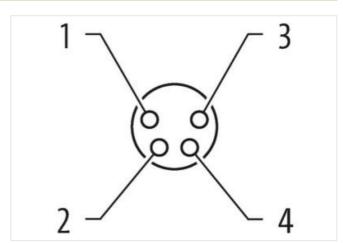
Plastic housings with good resistance against chemicals and oils.

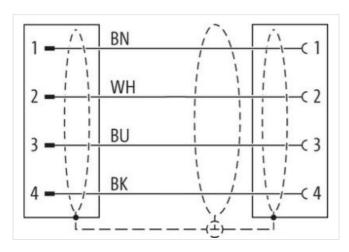
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

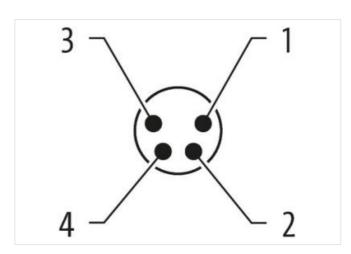
## **Link to Product**

## Illustration



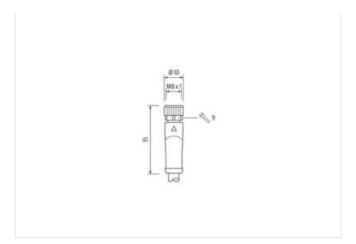


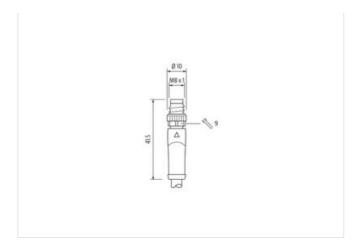






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Product may differ from Image











Cable length	3 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	8,5 mm
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
No. of poles	4
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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
GTIN	4048879732741
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A

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: 2024-05-18



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Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Coating locking nut	nickel plated
ocking screw coating	nickel plated
Material gasket	FKM
Material housing	PUR
ocking nut material	Zinc die-casting
ocking material screw	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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation   Cable	
Cable identification	201
Cable Type	1
lacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
vire arrangement	brown, black, blue, white
Cable weigth	58,3 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	1.05 mm
Outer diameter insulation	1,25 mm
Note and all amounts and a formation of the first	±5%
Outer diameter tolerance core insulation	
Shore hardness wire insulation	45 ± 5 Shore D
Shore hardness wire insulation  Material properties wire insulation	good machinability
Shore hardness wire insulation  Material properties wire insulation ngredient freeness wire insulation	good machinability lead-free, cadmium-free, CFC-free, silicone-free
Shore hardness wire insulation  Material properties wire insulation	good machinability

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Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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	57 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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   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 (fixed)	10 x Outer diameter