

M8 male 90° / M8 female 90° A-cod.

PVC 4x0.25 gy UL/CSA 1m

Male 90° – female 90°

M8 – M8, 4-pole

with cable sleeves

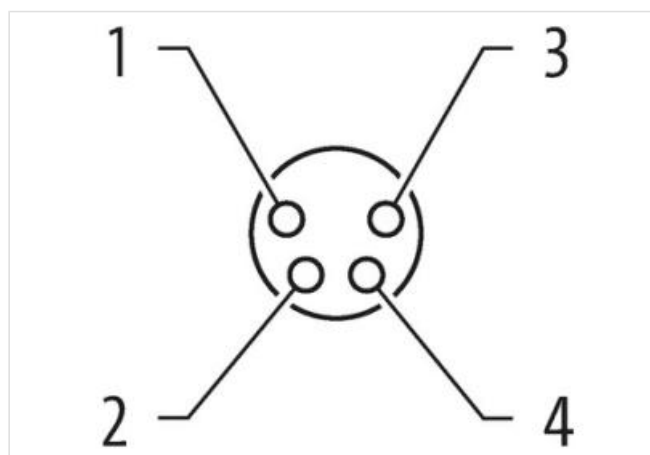
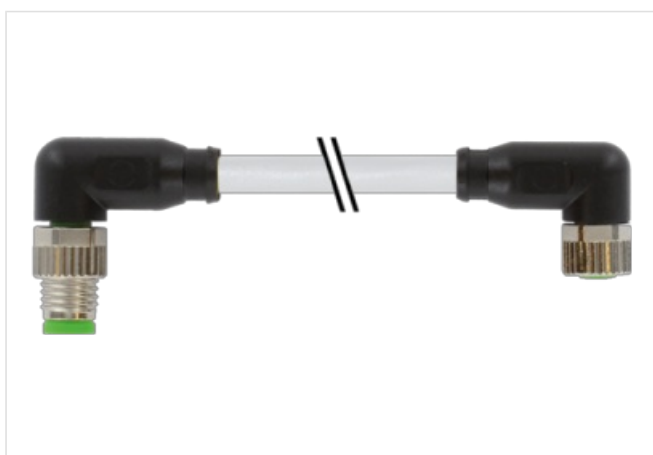
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

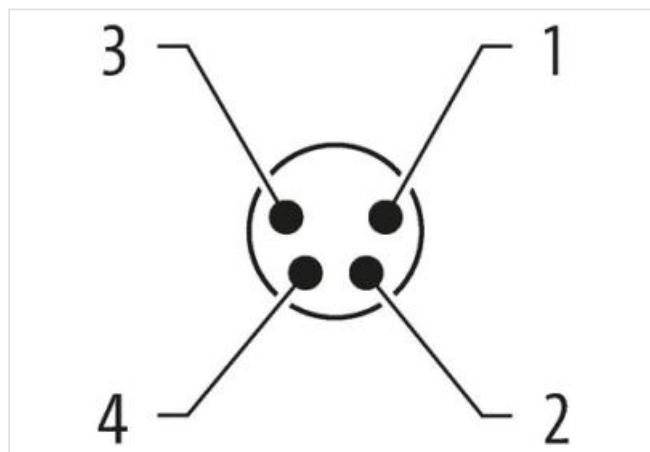
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link til artikel](#)

Billede



1	BN	1
2	WH	2
3	BU	3
4	BK	4





Produktet kan afvige fra billedet



Cable length1 m

Side 1

Tightening torque0,4 Nm
Family construction formM8
ThreadM8 x 1
suitable for corrugated tube (internal Ø)6,5 mm
Width across flatsSW9

Side 2

Tightening torque0,4 Nm
ThreadM8 x 1

Commercial data

ECLASS-6.027279218
ECLASS-7.027279218
ECLASS-8.027279218
ECLASS-9.027060311
ECLASS-10.127060311
ECLASS-11.127060311
ECLASS-12.027060311
ETIM-5.0EC001855
customs tariff number85444290
GTIN4048879414883
Pakke-enhed1

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

Device protection | Electrical

Degree of protection (EN IEC 60529)IP65, IP67, IP68, IP66K
Additional condition protection degreeinserted, screwed

Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Coating locking	Nickeled
Material housing	PUR
Locking material	Zinc die-casting

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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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.

Conformity

Product standard	DIN EN 61076-2-114 (M8)
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Installation | Cable

Cable identification	211
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weight	34,76 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)	4,8 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm²
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	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter