

## M8 male 0° / M8 female 90° A-cod.

PUR 3x0.25 gy UL/CSA 2.5m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight - female 90°

M8 - M8, 3-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

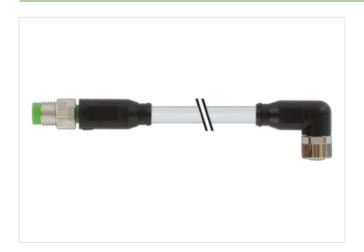
Further cable lengths on request.

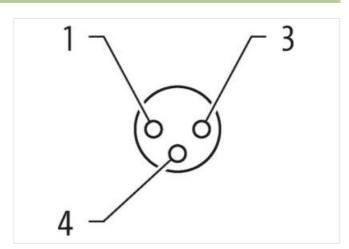
Plastic housings with good resistance against chemicals and oils.

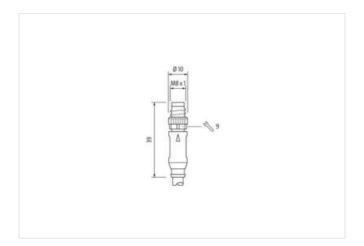
The resistance to aggressive media should be individually tested for your application. Further details on request.

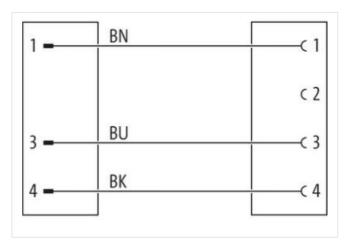
## **Link to Product**

## Illustration



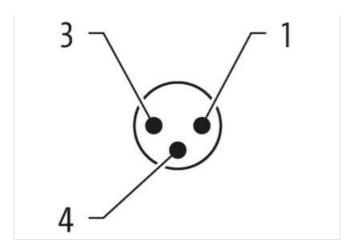


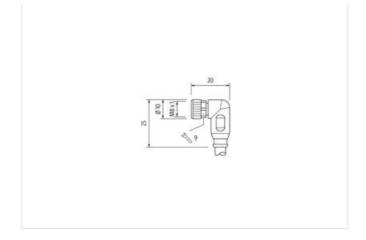






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Product may differ from Image



Cable length





2,5 m





Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	3
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	4048879415323
Packaging unit	1
Electrical data   Supply	

Electrical data | Supply

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: 2024-04-27



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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
Diagnostics	
Status indication LED	no
Device protection   Electrical	
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)	1,5 KV
	'
Mechanical data   Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
Locking material	Zinc die-casting
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
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation   Cable	
Cable identification	220
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	26,62 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,3 mm
	1,0 11111
Tolerance outer diameter (sheath)	± 5 %
Tolerance outer diameter (sheath)  Material wire insulation	
	±5%
Material wire insulation	± 5 % PVC
Material wire insulation Amount wires	±5% PVC 3
Material wire insulation  Amount wires  Outer diameter insulation	± 5 % PVC 3 1,25 mm
Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation	± 5 %  PVC  3  1,25 mm  ± 5 %
Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation	± 5 %  PVC  3  1,25 mm  ± 5 %  43 ± 5 Shore D
Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation	± 5 %  PVC  3  1,25 mm  ± 5 %  43 ± 5 Shore D  good machinability
Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation	± 5 %  PVC  3  1,25 mm  ± 5 %  43 ± 5 Shore D  good machinability  lead-free, cadmium-free, CFC-free, silicone-free

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Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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)	15 x Outer diameter