

## M8 male 0° / M8 female 90° A-cod. snap-in

PUR 3x0.25 gy UL/CSA+drag ch. 1.5m

Male straight – female 90°

M8 (Snap In) - M8 (Snap In), 3-pole

Further cable lengths on request.

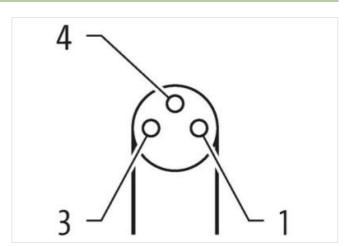
Plastic housings with good resistance against chemicals and oils.

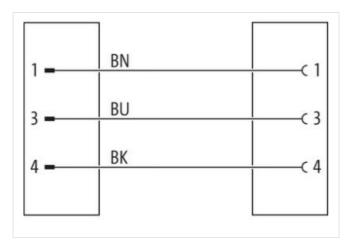
The resistance to aggressive media should be individually tested for your application. Further details on request.

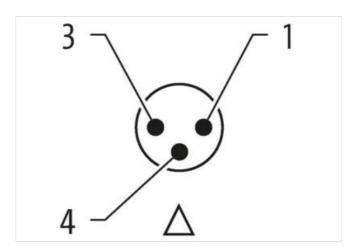
## **Link to Product**

## Illustration



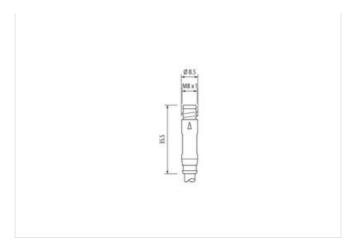


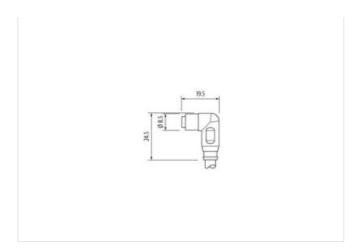






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Product may differ from Image











Side   1		
hread M8  Citable for corrugated tube (internal Ø) 6,5 mm  Commercial data  CLASS-6.0 27061801  Lustoms tariff number 85444290  Lustoms tariff number 1  Electrical data   Supply  Iperating voltage AC max. 50 V  Iperating voltage AC (UL-listed) 30 V  Iperating voltage DC (IU-listed) 30 V  Iperating voltage DC (UL-listed) 30 V  Iperating voltage DC (IU-listed) 30 V  Iperating voltage DC (II-listed) 30 V  Ip	Cable length	1,5 m
Commercial data  CLASS-6.0 27061801  ustoms tariff number 85444290  ITIN 404887966688  ackaging unit 1  Electrical data   Supply  perating voltage AC max. 50 V  perating voltage AC (UL-listed) 30 V  perating voltage AC (UL-listed) 30 V  perating voltage CC (UL-listed) 30 V  perating voltage DC max. 4 A  Device protection   Electrical  egree of protection (EN IEC 60529) IP65  dollition Degree 3  ated surge voltage AC (III) IFC 606641) I  sterial group (IEC 60664-1) I  Mechanical data   Material data  laterial housing PUR  Mechanical data   Mounting data  ooking techniques Snap In  Environmental characteristics   Climatic  perating temperature max. 48 °C  depending on cable quality  mportant installation notes	Side 1	
CLASS-6.0 27061801 ustoms tariff number 85444290 ITIN 4048879666688 ackaging unit 1 Electrical data   Supply perating voltage AC max. 50 V perating voltage AC (UL-listed) 30 V perating voltage DC max. 60 V perating voltage DC max. 60 V perating voltage DC max. 4 A Device protection   Electrical egree of protection (EN IEC 60529) IP65 dditional condition protection degree inserted, locked ollution Degree 3 atted surge voltage BC (IIC 60684-1) I Mechanical data   Material data   Mechanical data   Mounting data ooking techniques Snap in Environmental characteristics   Climatic Environmental characteristics   Climatic Environmental characteristics   Climatic Environmental temperature max. 85 °C dditional condition temperature range depending on cable quality mportant installation notes	Thread	M8
CLASS-6.0 27061801 ustoms tariff number 85444290 USTIN 4048879666688 ackaging unit 1 Electrical data   Supply perating voltage AC max. 50 V perating voltage AC (UL-listed) 30 V perating voltage AC (UL-listed) 30 V perating voltage DC (UL-listed) 4 A  Device protection   Electrical legree of protection (EN IEC 60529) IP65 dditional condition protection degree inserted, locked collution Degree 3 stated surge voltage 1,5 kV laterial group (IEC 60664-1) I  Mechanical data   Material data laterial housing PUR  Mechanical data   Material data laterial housing PUR  Mechanical data   Mounting data  ooking techniques Snap In  Environmental characteristics   Climatic  perating temperature min25 °C perating temperature max. 85 °C dditional condition temperature range depending on cable quality  mportant installation notes	suitable for corrugated tube (internal Ø)	6,5 mm
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dditional condition temperature range depending on cable quality  mportant installation notes	Operating temperature min.	-25 °C
mportant installation notes	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality
ote on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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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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)
Installation   Cable	
Cable identification	230
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	26,4 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min