

## M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 gy UL/CSA 3.3m

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

$$\label{eq:male_straight} \begin{split} & \text{Male straight} - \text{female } 90^{\circ} \\ & \text{M8} - \text{M12, 3-pole} \end{split}$$

M12, A-coded

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

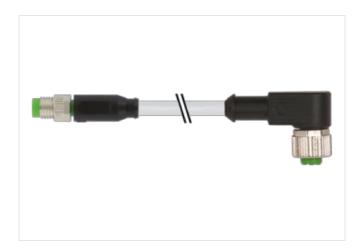
Further cable lengths on request.

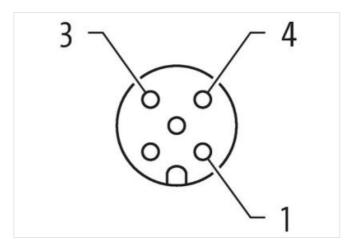
Plastic housings with good resistance against chemicals and oils.

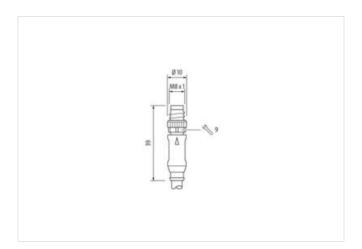
The resistance to aggressive media should be individually tested for your application. Further details on request.

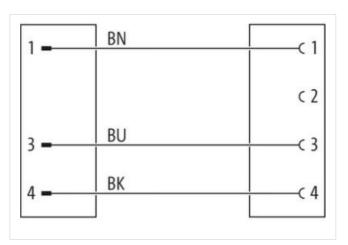
## **Link to Product**

## Illustration



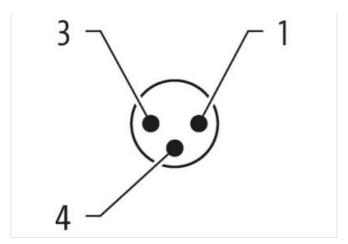


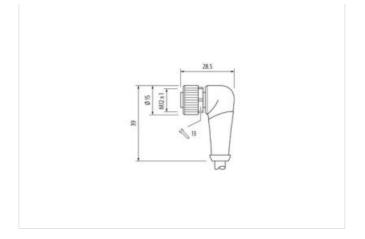






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Product may differ from Image











	3,3 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
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
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



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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879593250
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
Diagnostics	
Status indication LED	no
Device protection   Electrical	
	IDEC IDEC IDEC IDECIA
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)	
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
Operating temperature max.  Additional condition temperature range	85 °C depending on cable quality
Additional condition temperature range	
Additional condition temperature range  Conformity	depending on cable quality
Additional condition temperature range  Conformity  Product standard  Installation   Cable	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification	depending on cable quality
Additional condition temperature range  Conformity  Product standard  Installation   Cable	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)  Cable weigth	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Shore hardness jacket	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm ± 5 %
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR  85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free  4,3 mm ± 5 % PVC
Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires	depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR  85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free  4,3 mm ± 5 % PVC 3

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: 2024-04-28



Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm²
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