

## M12 male 0° / M8 female 90° A-cod. LED

PUR 3x0.25 gy UL/CSA+robot+drag ch. 2m

Male straight – female 90° Zinc die casting, save-cover coated M12 – M8, 3-pole LED (yellow/green)

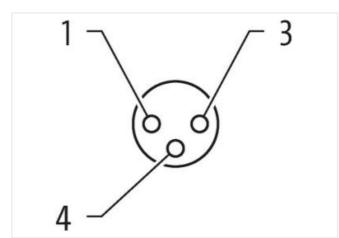
Plastic housings with good resistance against chemicals and oils.

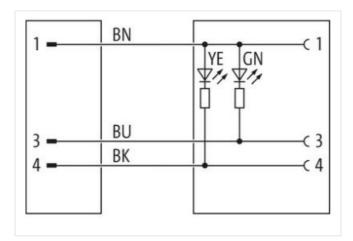
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

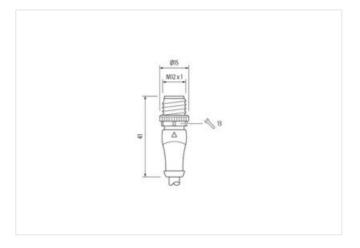
## **Link to Product**

## Illustration



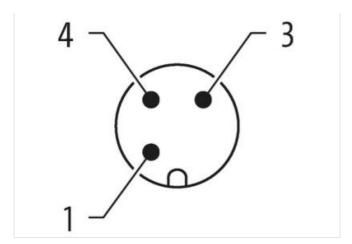


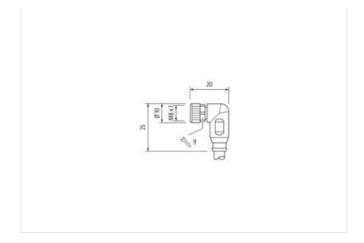






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Product may differ from Image











Cable length	2 m
Side 1	
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
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
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
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311



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FOLAGO 40.0	07000044
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879159548
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Current consumption max.	5 mA
Diagnostics	
Status indication LED	green, yellow
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	l .
Mechanical data   Material data	
Coating locking	safe-cover coated
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	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	
•	DIN FN 61076-2-101 (M12) DIN FN 61076-2-114 (M8)
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Product standard  Installation   Cable	
Product standard  Installation   Cable  Cable identification	250
Product standard Installation   Cable Cable identification Cable Type	
Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color	250 5 gray
Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate	250 5 gray cURus
Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding	250 5 gray cURus 1
Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding	250 5 gray cURus 1 3 wires twisted
Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement	250 5 gray cURus 1 3 wires twisted brown, black, blue
Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  No. of bending cycles (C-track)	250 5 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C
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	250 5 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m
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	250 5 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C
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	250 5 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 58 ± 3 Shore D
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)	250 5 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 58 ± 3 Shore D  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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)	250 5 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 58 ± 3 Shore D  lead-free, cadmium-free, CFC-free, halogen-free 4,3 mm
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)	250 5 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 58 ± 3 Shore D  lead-free, cadmium-free, CFC-free, halogen-free 4,3 mm ± 5 %
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	250 5 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free 4,3 mm ± 5 % PP
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)	250 5 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 58 ± 3 Shore D  lead-free, cadmium-free, CFC-free, halogen-free 4,3 mm ± 5 %

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: 2024-04-19



Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 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)	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)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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 § 1100 FT2   UL 1581 § 1090
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
No. of torsion cycles	1 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 360 °/m