

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

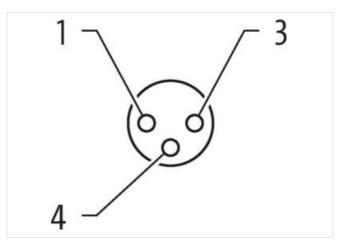
PUR 3x0.25 gy UL/CSA 3m

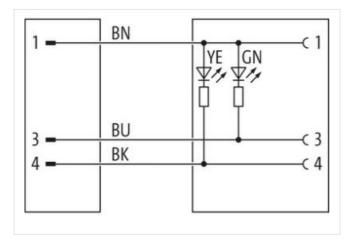
⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

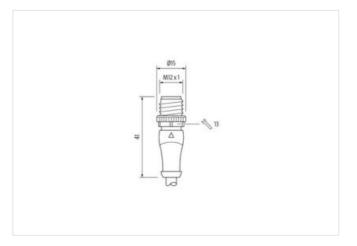
Male straight – female 90° M12 – M8, 3-pole LED (yellow/green) Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



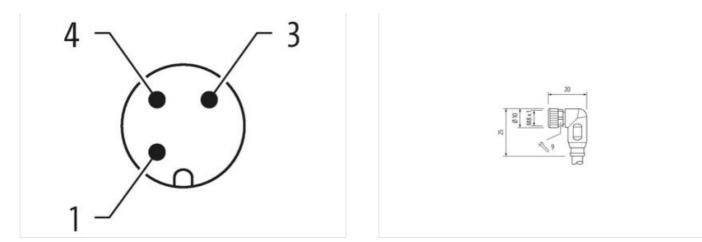






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Product may differ from Image



Cable length	3 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 \emptyset)	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-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311

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ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879159692
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)	
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
-	
Material screw connection	Zinc die-casting
	Zinc die-casting
Material screw connection	Zinc die-casting inserted, screwed, Shaking protection
Material screw connection Mechanical data Mounting data	
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic	
Material screw connection Mechanical data Mounting data Mounting method	inserted, screwed, Shaking protection
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min.	inserted, screwed, Shaking protection
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max.	inserted, screwed, Shaking protection -25 °C 85 °C
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard	inserted, screwed, Shaking protection -25 °C 85 °C
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray cURus
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray cURus 1
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray cURus 1 1 3 wires twisted
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	inserted, screwed, Shaking protection -25 °C 85 °C 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
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. 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)	inserted, screwed, Shaking protection -25 °C 65 °C 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
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. 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	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 2 gray gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. 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	inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 220 220 2 gray cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. 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	inserted, screwed, Shaking protection -25 °C 85 °C 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
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. 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 Freedom from ingredients (jacket)	inserted, screwed, Shaking protection -25 °C 85 °C 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
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. 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)	inserted, screwed, Shaking protection -25 °C 85 °C 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
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. 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)	inserted, screwed, Shaking protection -25 °C 85 °C 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 %
Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. 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)	inserted, screwed, Shaking protection -25 °C 85 °C 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

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Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
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 mm ²
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)	℃ 08
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

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