

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

PUR 3x0.25 bk UL/CSA 20m

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

Male straight – female 90° Zinc die casting, save-cover coated M12 – M8, 3-pole

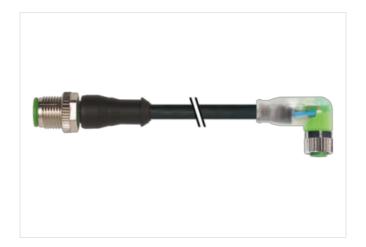
LED (yellow/green)

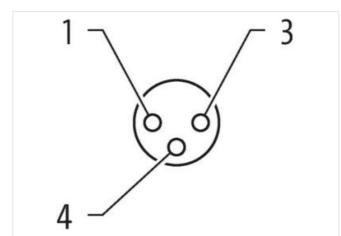
Plastic housings with good resistance against chemicals and oils.

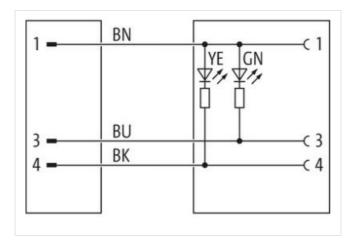
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

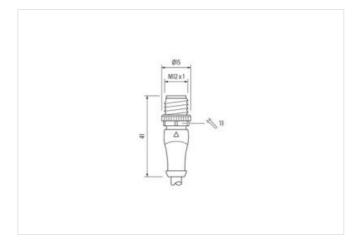
Link to Product

Illustration





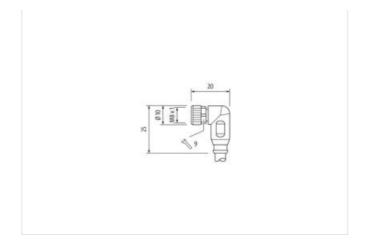






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Product may differ from Image





Mounting method inserted, screwed Coating contact gold pated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material strial PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 ************************************	Cable length	20 m
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 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Sw9 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 dat ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-6.1 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218	Side 1	
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 contact Copper alloy Material contact Super alloy No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data Z7279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 8.0	Tightening torque	0,6 Nm
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 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 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-9.0 2700311	Mounting method	inserted, screwed
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 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	Coating contact	gold plated
suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy 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 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Family construction form	M12
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 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 pub 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	Thread	M12 x 1
Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 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	suitable for corrugated tube (internal Ø)	10 mm
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 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Material contact	Copper alloy
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 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Material	PUR
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 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	No. of poles	3
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 27279218	Width across flats	SW13
Tightening torque	Degree of protection (EN IEC 60529)	IP66K, IP67
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-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Side 2	
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-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Tightening torque	0,4 Nm
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-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Mounting method	inserted, screwed
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-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Coating contact	gold plated
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 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218	Family construction form	M8
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 27279218	Thread	M8 x 1
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	suitable for corrugated tube (internal \emptyset)	6,5 mm
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	Material contact	Copper alloy
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	Material	PUR
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	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	Width across flats	SW9
ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Degree of protection (EN IEC 60529)	IP66K, IP67
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	Commercial data	
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311	ECLASS-6.0	27279218
ECLASS-8.0 27279218 ECLASS-9.0 27060311	ECLASS-6.1	27279218
ECLASS-9.0 27060311	ECLASS-7.0	27279218
2,000011	ECLASS-8.0	27279218
ECLASS-10.1 27060311	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	4048879429801
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
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 tomporative range	
Additional condition temperature range	depending on cable quality
	depending on cable quality
Conformity	
Conformity Product standard	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Conformity Product standard Installation Cable	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Conformity Product standard Installation Cable Cable identification	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620
Conformity Product standard Installation Cable Cable identification Cable Type	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm ± 5 %
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm ± 5 % PVC
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 620 2 black cURus 1 3 wires twisted brown, black, blue 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-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: 2024-04-30



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
No. of bending cycles (C-track)	2 Mio. @ 25 °C
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
UV resistance	DIN EN ISO 4892-2 A
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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter