

M12 male 0° / M8 female 0° A-cod. shielded

PUR 3x0.34 shielded gy UL/CSA+drag ch. 1m

Male straight – female straight M12 – M8, 3-pole shielded

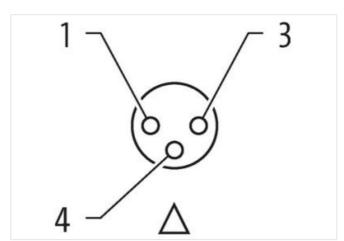
Plastic housings with good resistance against chemicals and oils.

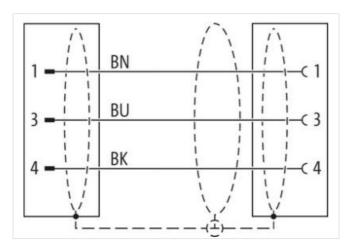
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

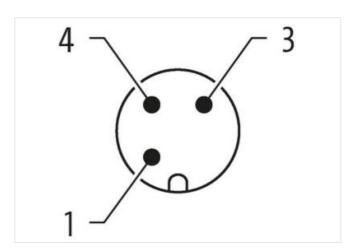
Link to Product

Illustration



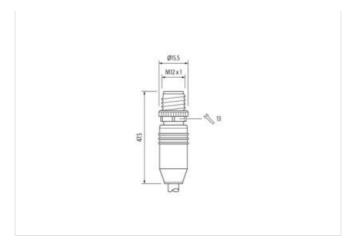


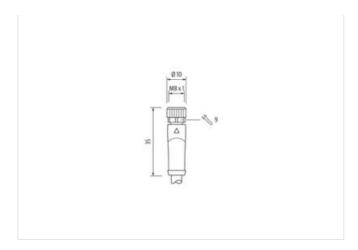






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Product may differ from Image











Family construction form M12 Thread M12 x 1 Coding A Material PUR No. of poles 3 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 Commercial date ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 coustoms tariff number 85444290	Cable length	1 m
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding A Material PUR No. of poles 3 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated fube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 coustoms tariff number 85444290	Side 1	
Family construction form M12 Thread M12 x 1 Coding A Material PUR No. of poles 3 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 Commercial date ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 coustoms tariff number 85444290	Tightening torque	0,6 Nm
Thread M12 x 1 Coding A Material PUR No. of poles 3 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 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 ECLASS-12.0 ECUMSS costoms tariff number 85444290	Mounting method	inserted, screwed
Coding A Material PUR No. of poles 3 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27260311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	Family construction form	M12
Material PUR No. of poles 3 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal O) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECO01855 customs tariff number 85444290	Thread	M12 x 1
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Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 25001855 customs tariff number 85444290	No. of poles	3
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Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 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 ECLASS-12.0 27060315 ETIM-5.0 EC001855 customs tariff number 85444290	Side 2	
Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 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 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	Tightening torque	0,4 Nm
Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 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 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of poles 3 Width across flats SW9 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 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	Family construction form	M8
Coding A Material PUR No. of poles 3 Width across flats SW9 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 ETIM-5.0 EC001855 customs tariff number 85444290	Thread	M8 x 1
Material PUR No. of poles 3 Width across flats SW9 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 ECLASS-12.0 85400311 ECLASS-12.0 85444290	suitable for corrugated tube (internal Ø)	6,5 mm
No. of poles 3 Width across flats SW9 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 ECLASS-12.0 85444290	Coding	A
Width across flats SW9 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 ECLASS-12.0 85444290	Material	PUR
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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 ETIM-5.0 EC001855 customs tariff number 85444290	Commercial data	
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customs tariff number 85444290	ECLASS-12.0	27060311
	ETIM-5.0	EC001855
GTIN 4048879585323	customs tariff number	85444290
	GTIN	4048879585323

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: 2024-05-17



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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
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
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
Locking material	Zinc die-casting
Mechanical data Mounting data	-
Mounting method	inserted, screwed, Shaking protection
	inscrea, sciewa, chaming protection
Environmental characteristics Climatic	07.00
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification	240
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue
Cable weigth	44 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)	5 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)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min