

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

PUR 4x0.34 shielded gy UL/ 11.0m

Male straight – female straight M12 – M8, 4-pole shielded

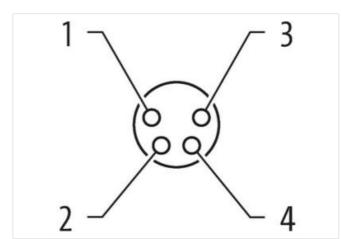
Plastic housings with good resistance against chemicals and oils.

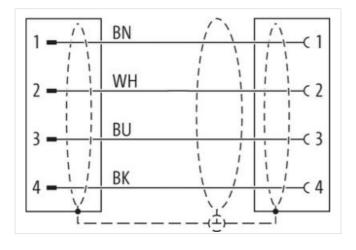
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

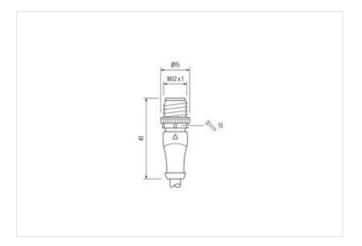
Link to Product

Illustration





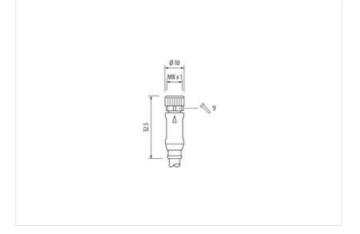






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Product may differ from Image











Family construction form M12 Thread M12 x 1 Coding A Material PUR No. of poles 4 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	Cable length	11 m
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding A Material PUR No. of poles 4 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 4 Width across flats SW9 Counce classes.6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1.1 27060311 ECLASS-12.0 27060311 ECLASS-1.1.2 27060311 ECLASS-1.2.3 ECO01855 coustoms tariff number 85444290	Side 1	
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Thread M12 x 1	Mounting method	inserted, screwed
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	ETIM-5.0	EC001855
GTIN 4065909067628	customs tariff number	85444290
	GTIN	4065909067628

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: 2024-06-25



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Ciperating voltage AC max. 50 V	Packaging unit	1
Operating vallage D C mass 60 Y Operating voltage AC (UL-lated) 30 V Operating voltage AC (UL-lated) 30 V Current operating per contact max. 4 A Device protection (EN IEC 60529) IP65, IP67, IP68, IP68K Additional condition protection degree inserted, screwed Pollution Degree 3 Material group (IEC 60664-1) I Mechanical data [Mounting data Xinc discretion Mounting method inserted, screwed Shaking protection Environmental characteristics Climatic Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. -85 °C Additional condition temperature max. -85 °C Operating defined to experimental max. -85 °C Operating defined to experimental max. -85 °C	Electrical data Supply	
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Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature max. 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 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 51076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Write arrangement brown, black, blue, white Cable identification 241 Cable identification 241 Cable Type 3 Jacket Color gray Type of Certificate cURius Amount stranding 1 Sanding 4 wires twisted Cable shielding (type) copper braid, finned Cable shielding (type) copper braid, finned Cable shielding (coverage) 80 % Banding Fleece, Foil wire arrangement brown, black, blue, white Cable weight 50,6 g/m Material jacket 90 ± Shore A Freedom from ingredients (jacket) 6,3 mm Tolerance outer diameter (sheath) 5 5 % Material wire insulation PP Amount wires 4 Outer diameter (seleath) 1,25 mm Outer diameter insulation 70 ± 5 Shore D	Locking material	Zinc die-casting
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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. 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 wire arrangement brown, black, blue, white Cable identification 241 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted Cable shielding (toverage) 80 % Banding Fleece, Foll wire arrangement brown, black, blue, white Cable weight 50,6 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 % Material wire insulation PP Amount wires 4 Outer diameter (sleaten) ± 5 % Shore hardness wire insulation 70±5 Shore D		
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Cable weigth 50,6 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) 5,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Banding	Fleece, Foil
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) 5,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	wire arrangement	brown, black, blue, white
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Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Material wire insulation	PP
Outer diameter tolerance core insulation $\pm 5\%$ Shore hardness wire insulation 70 ± 5 Shore D	Amount wires	4
Shore hardness wire insulation 70 ± 5 Shore D	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Shore hardness wire insulation	70 + 5 Shore D
		70 E 0 Gilolo B

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: 2024-06-25



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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 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	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min