

M12 male 0° / M12 female 90° A-cod.

PUR 4x0.34 ye UL/CSA+robot+drag ch. 7m

Male straight – female 90° Zinc die casting, save-cover coated M12 – M12, 4-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

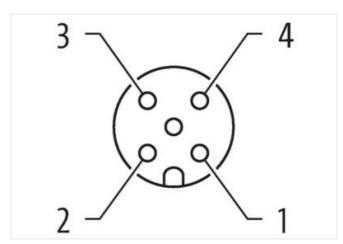
Plastic housings with good resistance against chemicals and oils.

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

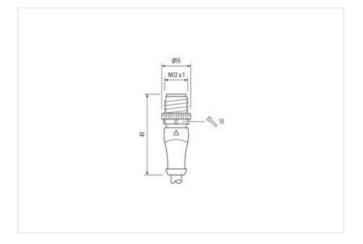
Link to Product

Illustration



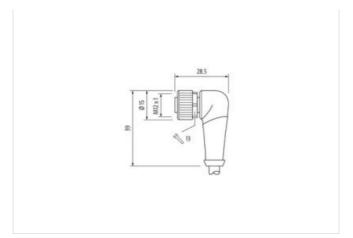


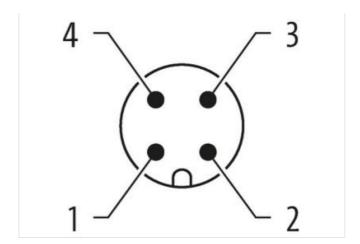






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Product may differ from Image













Mounting method Inserted, screwed	Cable length	7 m
Mounting method Inserted, screwed	Side 1	
Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material PUR Midth across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Fightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material PUR Midth across flats SW3 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Formation of the mount of t	Tightening torque	0,6 Nm
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10 mm Material PUR Midth across flats SW13 P65, IP66K, IP67 Side 2 P65, IP66K, IP67 P65, I	Family construction form	M12
Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Fightening torque 0.6 Nm Mounting method inserted, screwed Finead M12 M12 Finead M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data CCASS-6.0 27279218 ECLASS-7.0 2729218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 <th< td=""><td>Thread</td><td>M12 x 1</td></th<>	Thread	M12 x 1
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Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Fightening torque 0,6 Nm Mounting method inserted, screwed amily construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-10.1 27060311 ECLASS-10.0 85444290 STIN 4048879178372 Packaging unit 1	Material	PUR
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Suitable for corrugated tube (internal Ø) 10 mm	Family construction form	M12
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ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879178372 Packaging unit 1	ECLASS-11.1	27060311
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Packaging unit 1	customs tariff number	85444290
	GTIN	4048879178372
Electrical data Supply	Packaging unit	1
	Electrical data Supply	



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Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	···
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	safe-cover coated
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
	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
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)
Installation Cable	
Cable identification	054
Cable Type	5
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	
wiie arrangement	brown, black, blue, white
Cable weigth	
	brown, black, blue, white
Cable weigth	brown, black, blue, white 36,3 g/m
Cable weigth Material jacket	brown, black, blue, white 36,3 g/m PUR
Cable weigth Material jacket Shore hardness jacket	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm ± 5 %
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free 4,7 mm ± 5 % PP
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free 4,7 mm ± 5 % PP
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm ± 5 % PP 4 1,25 mm
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free 4,7 mm ± 5 % PP 4 1,25 mm ± 5 % 74 ± 3 Shore D
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm ± 5 % PP 4 1,25 mm ± 5 %
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	brown, black, blue, white 36,3 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm ± 5 % PP 4 1,25 mm ± 5 % 74 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free



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	4,8 A
Electrical resistance line constant wire	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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	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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min