

M12 male 90° / M12 female 90° A-cod.

PVC 3x0.34 gy UL/CSA 3m

Male 90° - female 90°

M12 - M12, 3-pole

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

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

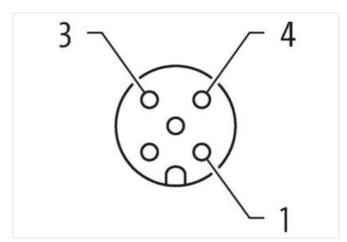
The resistance to aggressive media should be individually tested for your application. Further details on request.

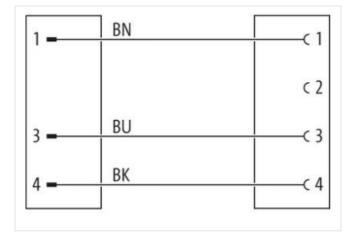
Further cable lengths on request.

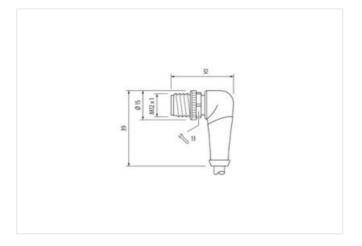
Link to Product

Illustration



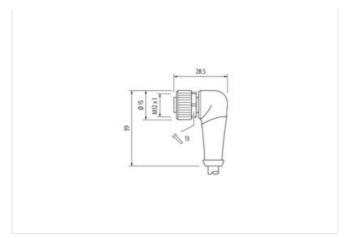


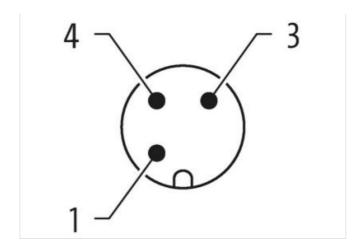






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Product may differ from Image













rightening torque 0.6 Nm Mounting method inserted, screwed Friead M12 Infriead M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Frightening torque Mounting method inserted, screwed amily construction form M12 Thread M12 x 1 Underting A Material PUR Voicing A Material PUR No. of poles 3 Width across flats SW13 Commercial data Commercial data CCLASS-6.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-11.1 27060311 ECILASS-11.2 27060311	Cable length	3 m
Mounting method inserted, screwed amily construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Fightening torque Wounting method inserted, screwed amily construction form M12 Thread M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Doding A Material PUR No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECTASS-12.0 27060311	Side 1	
Family construction form M12 Thread M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Ooding A Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66F, IP67 Side 2 Feet of poly (Internal Ø) 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 Dodding A Material PUR No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855	Tightening torque	0,6 Nm
Finead M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Doding A Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Eightening torque Mounting method inserted, screwed 5mally construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Adaterial PUR No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Fightening torque Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR No. of poles 3 Violth across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855	Family construction form	M12
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No. of poles 3	Coding	A
Side 2	Material	PUR
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 Coding A Material PUR No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 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 ETIM-5.0 EC001855	No. of poles	3
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O,6 Nm	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECO1855	Mounting method	inserted, screwed
Suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 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	Family construction form	M12
Coding A Material PUR No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 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 ETIM-5.0 EC001855	Thread	M12 x 1
Material PUR No. of poles 3 Width across flats SW13 Commercial data ECLASS-6.0 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 ETIM-5.0 EC001855	suitable for corrugated tube (internal Ø)	10 mm
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Width across flats SW13 Commercial data ECLASS-6.0 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-15.0 ECO01855	Material	PUR
Commercial data ECLASS-6.0 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-15.0 ECLASS-15.0	No. of poles	3
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	ECLASS-12.0	27060311
customs tariff number 85444290	ETIM-5.0	EC001855
	customs tariff number	85444290



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GTIN	4048879703376
Packaging unit	1
Electrical data Supply	
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
Diagnostics	
Status indication LED	no
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
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
-	**
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	213
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	34,1 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Material wife insulation	
Amount wires	3

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: 2024-05-18



Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter