

M12 male 0° / M12 female 0° A-cod. V2A

PVC 4x0.34 bk UL/CSA 1m

Male straight - female straight

M12 - M12, 4-pole

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

Stainless steel 1.4305 (V2A)

Plastic housings with good resistance against chemicals and oils.

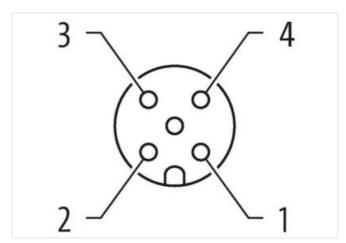
The resistance to aggressive media should be individually tested for your application. Further details on request.

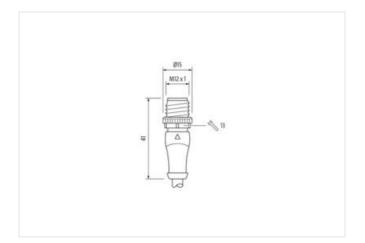
Further cable lengths on request.

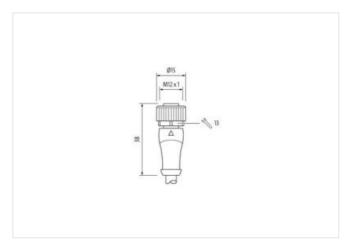
Link to Product

Illustration



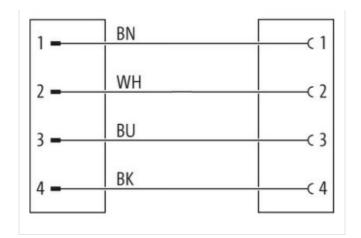


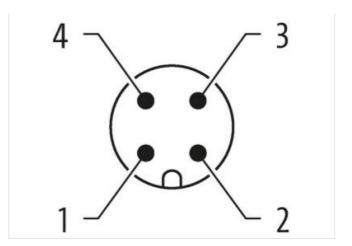






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Product may differ from Image





Side 1 Tightening torque 0.6 Nm Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0.8 Nm Family construction form M12 Thread M12 x 1 Coding A Degree of protection (EN IEC 60529) IP66K, IP67 Commercial date 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 E001885 customs tariff number 85444290 GTIN 4048879111874 Packaging unit 1 Electrical data Supply	Cable length	1 m
Family construction form M12	Side 1	
Thread suitable for corrugated tube (internal 0)	Tightening torque	0,6 Nm
suitable for corrugated tube (internal O) 10 mm Coding A Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Coding A Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 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-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27080311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879111874 Packaging unit 1 Electrical data Supply Operating voltage PC max. 250 V Operating voltage PC max.	Family construction form	M12
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Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque Family construction form M12 Thread M12 x 1 Coding A Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-6.1 27279218 ECLASS-6.2 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 ECIMS-15.0 EC001855 customs tariff number 85444290 GTIN 404887911874 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V	suitable for corrugated tube (internal Ø)	10 mm
Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Coding A 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 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879111874 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V	Coding	A
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Family construction form M12 Thread M12 x 1 Coding A 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 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879111874 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V	Side 2	
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Coding A 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 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879111874 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V	Family construction form	M12
Degree of protection (EN IEC 60529) IP66K, IP67	Thread	M12 x 1
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 GTIN 4048879111874 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V	Coding	A
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Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V	GTIN	4048879111874
Operating voltage AC max. 250 V Operating voltage DC max. 250 V	Packaging unit	1
Operating voltage DC max. 250 V	Electrical data Supply	
	Operating voltage AC max.	250 V
Operating voltage AC (UL-listed) 30 V	Operating voltage DC max.	250 V
	Operating voltage AC (UL-listed)	30 V

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



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Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	
	'
Mechanical data Material data	
Material housing	PUR
Locking material	Stainless steel 1.4305 (V2A)
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.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	614
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	40,7 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)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
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 mm ²
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	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
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 § 1090 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