

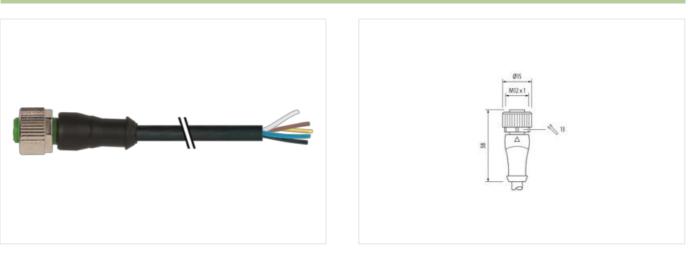
## M12 female 0° A-cod. with cable

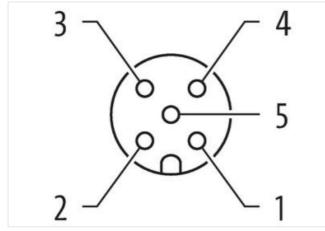
PVC 5x0.34 bk UL/CSA 35m

Female straight M12, 5-pole A-coded 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





1)	BN	
2 >	WH	
3 >	BU	
4 >	ВК	
5 >	GN YE	

Product may differ from Image



Cable length

Side 1

Tightening torque

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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: 2024-06-26

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35 m

0,6 Nm



Calafing control.upple painedFamily construction formM12TransalM12 A 1stankabe (nor corrugated tube (internal Ø)10 mmCalafing construction formstraigN4Calafing construction formAMateral constructionCooper alloyMateral constructionCooper alloyMateral constructionCooper alloyMateral constructionSing Sing Sing Sing Sing Sing Sing Sing	Mounting method	inserted, screwed
Franky construction form         M12           Thread         M12 x 1           autaba for corrugada tube (menal Ø)         10 mm           Carlle outlet         straign!           Carlle outlet         straign!           Carlle outlet         Straign!           Carlle outlet         Copyr aloy           Material         PUH           Material contact         Copyr aloy           Material contact         Straight           Degree of protectom (EN EC 6052)         IPES, FPEK, FP7           Straig         Straight (uckut)         20 mm           Cotaning contact         gold plated         Formity construction form           ECLASS-R.0         27279218         ECLASS-R.0         27279218           ECLASS-R.0         27279218         ECLASS-R.0         27279218           ECLASS-R.0         27279218         ECLASS-R.0         27279218           ECLASS-R.0         27090311         ECLASS-R.0         27090311           ECLASS-R.0         27090311         ECLASS-R.0         27090311           ECLASS-R.0         27090311         ECLASS-R.0         27090311           ECLASS-R.0         27090311         ECLASS-R.0         ECO01985           Cardins out muthumber	-	gold plated
Thread         M12 x 1           available for corrugated tube (internal G)         10 mm           Gabio outlat         etaraght           Cadio outlat         etaraght           Cadio outlat         etaraght           Cadio outlat         PUR           Material Conting         PUR           No of poles         5           Width accoss flats         SW31           Degree of protection (EN EC 60529)         IPBS, IPBR/, IPP7           Side 2         UPS           Side 2         UPS           Side 3         SW13           Commodiating construction form         free cable and           Commodiatid         gold platid           Family construction form         free cable and           Construction form         free cable and <t< td=""><td></td><td></td></t<>		
saitable for somgaled lube (internal 0) Cable outer Ca		
Cable outlet         straight           Coding         A           Coding         A           Material contact         Coppor alloy           Material contact         PUR           No. of poles         5           Width acors fluts         SW13           Degree of protection (EN IEC 60520)         Poles, IP66K, IP67           Side 2         Stepping length (acket)         20 mm           Conting contact         gold plated           Family construction form         free cable ord         Contract Contact           Contact Contact         20279218         Contact Contact           ECLASS 4.0         2279218         Contact Contact           ECLASS 5.0         2279218         Contact Contact           ECLASS 5.0         2279218         Contact Contact           ECLASS 5.0         22709213         Contact Contact           ECLASS 5.0         27090311 </td <td></td> <td></td>		
Cading         A           Material contact         Cooper aloy           Material         PUR           No. of poles         5           Wild arooss fills         SW13           Degree of protection (EN EC 80529)         IP65, IP66K, IP67           State            State            State            Conting Contact         gold platod           Family construction form         free cable end           Commercial State            ECLASS 6.0         27279218           ECLASS 6.0         27279218           ECLASS 8.0         27060311           ECLASS 8.0         27060311           ECLASS 8.0         27060311           ECLASS 8.0         27060311           ECLASS 7.0         270900311           ECLASS 7.0         270900311           ECLASS 8.0         27060311           ECLASS 9.0         270900311           ECLASS 9.0         2709003		
Material         Copper alloy           Material         PUR           No. of polis         5           With across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Side 2           Side 1         20 mm           Containt contact         guld pland           Family construction form         free cable end           Connecial data         22779218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-1.1         27060311           Conner diff number         6544290           GTIM         4048875938717		
Material         PUR           No. of poles         S           Witch across fists         SW13           Dagree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2		
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With across flats         SW13           Degree of protection (EN IEC 60528)         IP65, IP66K, IP67           Side 2         Stripping length (jackot)         20 mm           Coating contract         gold plated         Parally construction form         free cable and           Commercial data         gold plated         Parally construction form         free cable and           Commercial data         20 mm         27279218         ECLASS-6.0         27279218           ECLASS-7.0         27279218         ECLASS-8.0         27279218           ECLASS-8.0         27279218         ECLASS-8.1.1         27060311           ECLASS-1.1         27060311         ECLASS-8.1.2.0         ECO60355           customs tuff number         65444280         GTM         4048879538717           Packaging unit         1         E         E           Eterctad data   Suppt         U         Operating voltage AC max.         125 V           Operating voltage AC max.         125 V         Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V         Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A         D         D           Deparating voltage AC (UL-listed)	No. of poles	
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Gasting construction form         tree cable end           Commercial data		20 mm
Family construction form         free cable end           Commercial data		
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ETM-5.0         EC001655           cuastoms taiff number         854/429.0           GTIN         4048879535717           Packaging unit         1           Electrical data   Supply		
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GTIN     4048879535717       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (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        Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Coating of fitting     nickele plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting	ETIM-5.0	EC001855
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Installation   Connection         Stripping length (jacket)       20 mm         Mounting set       M12 x 1         Device protection   Electrical       Inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Vickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting	Status indication LED	no
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Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     I       Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting	Device protection   Electrical	
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Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting	Mechanical data   Material data	
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Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting		
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting		-
Material screw connection Zinc die-casting		Zinc die-casting
	mechanical data   Mounting data	

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: 2024-06-26

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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	
wire arrangement	brown, black, blue, white, green-yellow
Cable identification	615
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	
	yes brown, black, blue, white, green-yellow
vire arrangement Cable weigth	
	48,4 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Duter-diameter (jacket)	5,2 mm
Folerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
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
ngredient 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 <sup>2</sup>
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	4,5 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 - acket)	2 kV @ 60 s
Ain. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Dperating 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 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing

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: 2024-06-26

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Gasoline resistance

## Good, application-related testing

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Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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