

## M12 female 0° A-cod. with cable

PVC 3x0.34 bk UL/CSA 0.3m

Female straight

M12, 3-pole

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

with cable sleeves

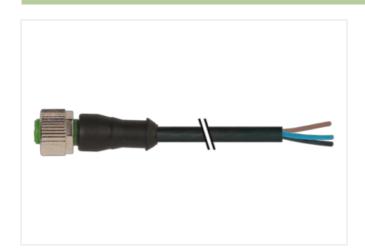
Plastic housings with good resistance against chemicals and oils.

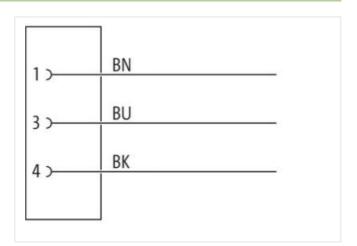
The resistance to aggressive media should be individually tested for your application. Further details on request.

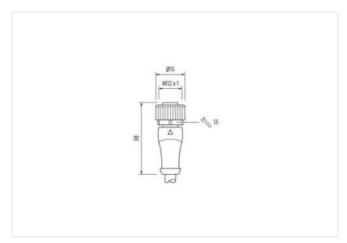
Further cable lengths on request.

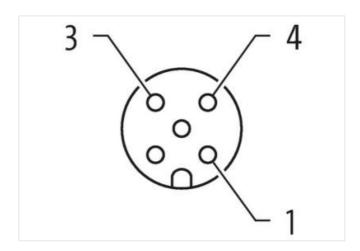
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

0,3 m

Side 1

Tightening torque

0,6 Nm

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: 2024-04-26



stay connected

Family construction form M12  Thritroid M12.1  autable for corrugated tube (internal 0) 10 mm  Coding A  A  Material PUR  No. of poes 3  With across stast SW13  Degree of protection (EN IEC 00528) IPS, IPSR, IPSR  With across stast SW13  Degree of protection (EN IEC 00528) IPSR, IPSR  Stripping length (lacket) 20 mm  Commercial data  ECLASS-8.0 2279218  ECLASS-8.1 2779218  ECLASS-8.1 2779218  ECLASS-8.0 2779218  ECLASS-8.0 2779218  ECLASS-8.0 2779218  ECLASS-8.0 2779218  ECLASS-8.0 2709218  ECLASS-8.0 2709218  ECLASS-9.0 2709219  ECLASS-9.0	Mounting method	inserted, screwed
Seable for corrugated tube (internal 6)   10 mm	Family construction form	M12
Carding         A           Material         PUR           No. ot poles         3           Width access flats         SWI3           Degree of protection (ENEC 60529)         PP65, IP66K, IP67           Side 2         Stripping length (jacker)         20 mm           Commercial flats         ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.0         ECO1855           COTIN         4048879213790           Packaging unit         1           ***Departing voltage DC max         250 V           Operating voltage AC max         250 V           Operating voltage AC max         250 V           Operating voltage AC (UL-steet)         30 V           Operating voltage AC (UL-steet)         30 V           Operating posting jarght (jacker)         20 mm           Mounting are a	Thread	M12 x 1
Meterial         PUR           No. of poles         3           Witth across files         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Stripping length (jacker)         20 mm           Commercial data           ECLASS 6.0         277797818           ECLASS-6.1         2797918           ECLASS-7.0         27279818           ECLASS-8.0         2797918           ECLASS-8.0         2797918           ECLASS-9.0         27960311           ECLASS-9.1.1         27060311           ECLASS-9.1.2         27060311           ECLASS-9.1.3         27060311           ECLASS-9.0         27090311           ECLASS-9.1.0         27090311           ECLASS-9.1.1         27060311           ECLASS-9.1.2         27090311           ECLASS-9.1.3         27090311           ECLASS-9.2.0         27090311           ECLASS-1.1         27060311           ECLASS-1.2.1         27090311           ECLASS-1.2.2         27090311           ECLASS-1.3.3         27000311           ECLASS-1.2.2         250 V           Operating vollage AC max.         250 V	suitable for corrugated tube (internal Ø)	10 mm
No. of poles         8           Width accoss flats         5W13           Degree of protection (EN IEC 60529)         IPP6, IP86K, IP67           Side 2           Stripping length (fischer)         2           Stripping length (fischer)         2           Commercial data           ECLASS 6.0         27279218           ECLASS 8.1         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27060311           ECLASS 9.0         27060311           ECLASS 1.1         27060311           ECLASS 1.2.0         27060311           ECLASS 1.2.0         27060311           ETIM-5.0         EC001855           customs strif number         85444290           GTIN         404887213790           Packaging unit         1           Electrical data I Suphy         Coperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (IIIlisted)         30 V           Operating voltage AC (IIIlisted)         30 V           Current operating por contact max.         4 A           Installation   Commetion         Mile x 1           Dev	Coding	A
Width across flats         SW13           Degree of protection (EN IEC 60829)         PF65, IP66K, IP67           Side 2         Stripping longth (jackal)         20 mm           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.1         2760311           ECLASS-1.1         2760311           ECLASS-1.2         2760311           ECLASS-1.2.0         2760311           ECLASS-1.0         2760311           ECLASS-1.0         2760311           ECLASS-1.0         2760311           ECLASS-1.0         2760311           ECLASS-1.0         2760311           ECLASS-1.0         2760311           CALL STATE AND ACROSS AND ACR	Material	PUR
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Stripping length (jacket)   20 mm	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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ECLASS 6.1         27279218           ECLASS 7-0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 1-0.1         27060311           ECLASS 11.1         27060311           ECLASS 12.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879213790           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         Miz x 1           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree   inserted, screwed           Pollution Degree         3 s           Red surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Zinc die-casting           Material group (IEC 60664-1)         Zinc die-casting           Mechanical data   Mounting data         inserted,	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           customs tariff number         85444290           GTIN         4048879213790           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC QLL-listed)         30 V           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Pollution Degree         3		
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ECLASS-9.0   27060311   2706031		
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879213790           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.           250 V         Operating voltage AC (UL-listed)           30 V         Operating voltage DC max.           Operating voltage PC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection           Stripping length (jacket)           Multix 1           Device protection   Electrical           Additional condition protection degree           Pollution Degree         3           Additional condition protection degree           Nickeld           Coating locking         Nickeled           Coating locking         Nickeled            Nickeled            Nickel plated		
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Material group (IEC 60664-1)  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		
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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		
Material screw connection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range		·
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Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range  depending on cable quality	Environmental characteristics   Climatic	
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Additional condition temperature range depending on cable quality	· · · · · ·	85 °C
		depending on cable quality
Conformity		
	Conformity	



stay connected

S1076-2-101 (M12)

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Installation   Cable	
Cable identification	613
Cable Type	1
Jacket Color	black
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
Amount wires	3
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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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 § 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