

## M12 male 0° A-cod. with cable

PVC 3x0.34 gy UL/CSA 25m

Male straight

M12, 3-pole

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

with cable sleeves

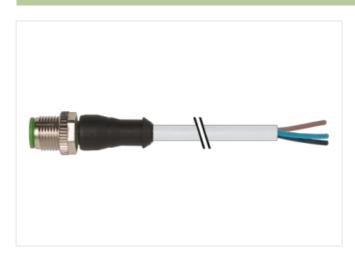
Plastic housings with good resistance against chemicals and oils.

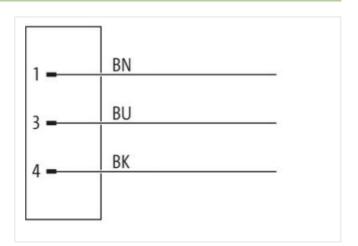
The resistance to aggressive media should be individually tested for your application. Further details on request.

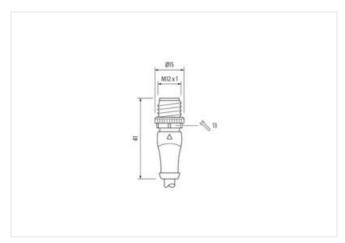
Further cable lengths on request.

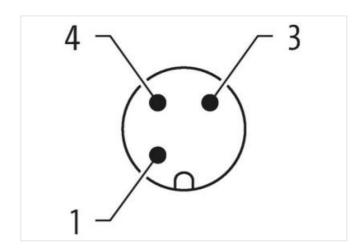
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

25 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: 2024-05-19



Family constituction form	Mounting method	inserted, screwed	
Thread		· · · · · · · · · · · · · · · · · · ·	
suitable for corrugated tube (internal 0) 10 mm Cocting A A Material PUR No. of poles 3 S Opriose of protection (EN IEC 60529) IPSS, IP66K, IP67  Side 2  Commercial data  ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27090311 ECLASS-1.1 2709			
Coding         A           Material         PUR           Mort poles         3           Widh across flats         SWI3           Degree of protection (R NEC 8059)         1P65, IP64, IP67           Side 2           Streping length (tacker)         20 mm           Commercial (tacker)           Commercial (tacker)           ECLASS-0.0         27279218           ECLASS-0.0         27279218           ECLASS-0.0         27279218           ECLASS-0.0         27090311           ECLASS-0.1         27090311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.2         27060311 <th co<="" td=""><td></td><td></td></th>	<td></td> <td></td>		
No. of poles         3           Width across falses         W13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Stripping length (lacker)         20 mm           Commercial (lacker)           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.2         27060311           ECLASS-1.2.0         27060311           ECLASS-1.0         250 V           Operaing voltage AC max.         250 V           Operaing voltage AC (UListed)         30 V <td></td> <td>A</td>		A	
Width across flats         SWI3           Dagree of protection (EN IEC 60529)         PB6, IP66K, IP67           Stripping length (jacker)         20 mm           Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         227279218           ECLASS 8.0         277600311           ECLASS 9.0         27060311           ECLASS 1.1.1         27060311           ECLASS 1.2.0         27060311           ETM 5.0         ECO01855           customs staff number         85444290           GTIN         4048973219464           Packaging unit         1           Electrical data I Supply           Operating voltage AC max         250 V           Operating voltage AC (Cl. Islaed)         30 V           Operating voltage AC (Cl. Islaed)         30 V           Current operating per contact max.         4 A           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         3           Rated supe voltage         2,5 kV           Material group   Electrical         2 kV           Additional condition protection degree	Material	PUR	
Degree of protection (EN IEC 80529)	No. of poles	3	
Side 2           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27090311           ECLASS-10.1         27090311           ECLASS-11.1         27090311           ECLASS-11.1         27090311           ECLASS-12.0         27090311           ETIM-5.0         EC01855           usborn staff number         6844290           GTIN         4048879219464           Packaging unit         1           Electrical data   Supply         1           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         Stream of the peration   Connection   Connection	Width across flats	SW13	
Stripping length (jacket)   20 mm	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27279218           ECLASS 9.0         27090311           ECLASS 9.0         27090311           ECLASS 1.1         27090311           ECLASS 1.2.0         27090311           ECLASS 1.2.0         27090311           ECLASS 1.2.0         ECOMBS 5           customs tariff number         8544290           GTIN         4048979219464           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.           250 V         250 V           Operating voltage AC (IU-listed)         30 V           Operating plongth (jacket)         30 V           Mounting set         M12 x 1           Mounting plongth (jacket)         20 mm           Mounting part (EC 6064-1)         1           Mechanical data   Material data	Side 2		
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-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECO1855 customs tariff number 85444290 GTIN 4048879219464 Packagn unit 1  Electrical data [Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A  Installation [Connection  Stripping length (jacket) 30 V  Device protection [Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage AC (UL-listed) 1  Mechanical data   Material data  Coasing of fitting nickel plated  Coasing of fitting nickel plated  Coasing of fitting nickel plated  Lockeng material 2 inc die-casting  Mechanical data   Munting data  Mounting method inserted, Screwed, Shaking protection  Environmental characteristics   Climatic  Coperating emperature min. 25° C Operating on condition temperature range depending on cable quality	Stripping length (jacket)	20 mm	
ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.1         27060311           ECLASS 9.2         27060311           ETIM 5.0         EC001855           customs tariff number         85444290           GTIN         404879219464           Packaging unit         1           Electrical data   Supply           Operating voltage DC max         250 V           Operating voltage DC max         250 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max         4 A           Installation   Connection         Strippin length (gacket)         20 mm           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         Incide casting           Material screw connection         Zinc die-casting           Material screw	Commercial data		
ECLASS-8.0         27279218           ECLASS-9.0         27660311           ECLASS-10.1         27660311           ECLASS-11.1         27060311           ECLASS-12.0         27660311           ECLASS-12.0         E0001855           customs tariff number         65444290           GTIN         4048873219464           Packaging unit         1           Electrical data   Suppty           Operating voltage AC max.         250 V           Operating voltage AC (ILL-isted)         30 V           Operating voltage DC max.         250 V           Operating voltage DC (IL-isted)         30 V           Operating voltage DC (IL-isted)         30 V           Operating per contact max.         4 A           Installation   Connection           Stripping length (lacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree           Installation   Connection           Poliution Degree         3           Additional condition protection degree           Costing protection   Electrical			



stay connected

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
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
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 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	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 ℃
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