

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

PVC 3x0.34 ye UL/CSA 2m

Male straight – female straight

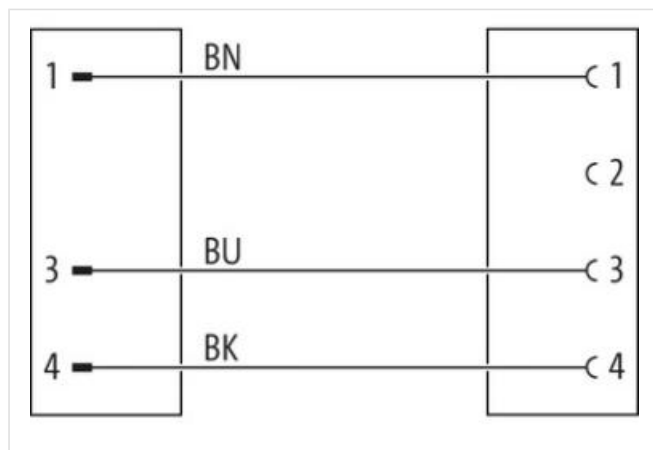
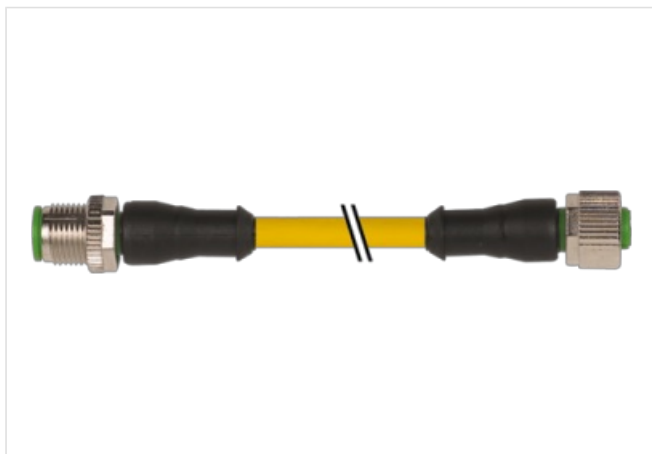
M12 – M12, 3-pole

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**



Product may differ from Image



Cable length	2 m
Side 1	
Tightening 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
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening 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
customs tariff number	85444290

GTIN	4048879186711
------	---------------

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
------------------------------------	-----

**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
----------------------------------------	----------------------------

**Conformity**

Product standard	DIN EN 61076-2-101 (M12)
------------------	--------------------------

**Installation | Cable**

Cable identification	013
----------------------	-----

Cable Type	1
------------	---

Jacket Color	yellow
--------------	--------

Type of Certificate	cURus
---------------------	-------

Amount stranding	1
------------------	---

Stranding	3 wires twisted
-----------	-----------------

wire arrangement	brown, black, blue
------------------	--------------------

Cable weight	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
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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