

**T-coupler M12 M 0° / 2x M12 F 0° with cable**

PUR 4x0.34 bk UL/CSA+drag chain 0.6m

Customized printing and packaging

T-coupler

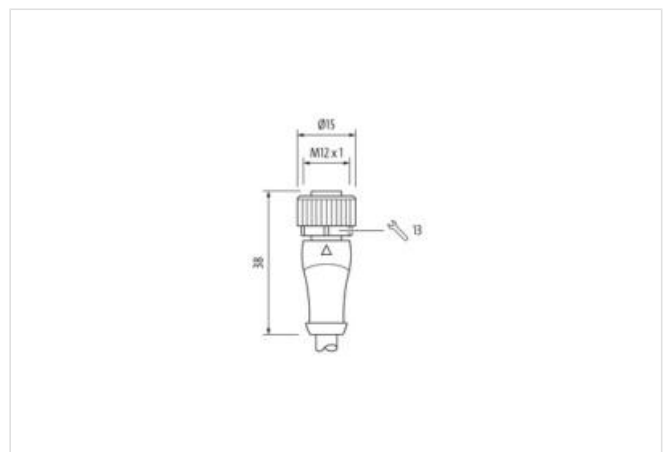
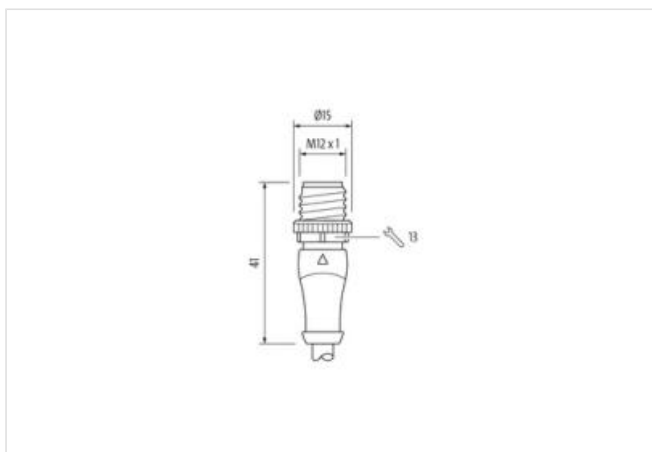
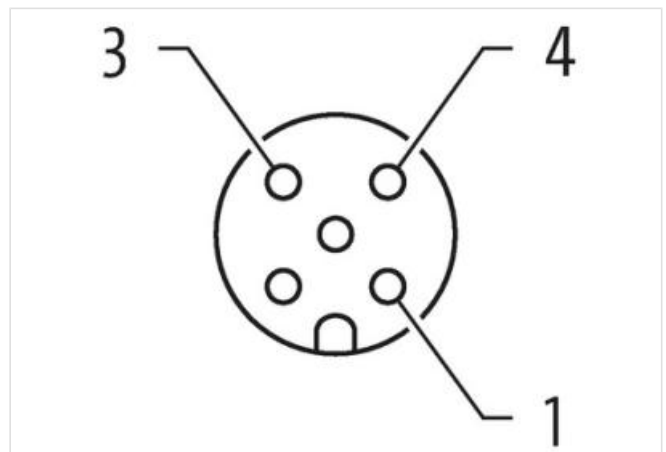
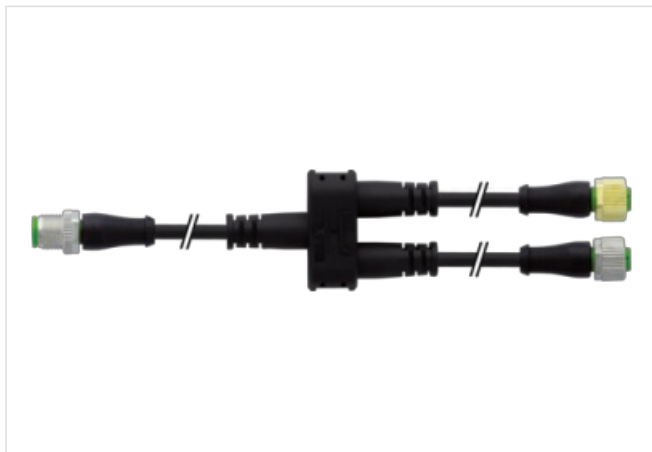
Male straight – females straight

M12 – M12

4-pole – 3-pole

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.

[Link to Product](#)**Illustration**



Product may differ from Image



Cable length	0,6 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
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879838023
Packaging unit	10
Electrical data   Supply	

Operating voltage AC max.	50 V
---------------------------	------

Operating voltage DC max.	60 V
---------------------------	------

Current operating per contact max.	4 A
------------------------------------	-----

#### Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
-------------------------------------	-------------------------

Additional condition protection degree	inserted, screwed
--	-------------------

Pollution Degree	3
------------------	---

Rated surge voltage	1,5 kV
---------------------	--------

Material group (IEC 60664-1)	I
------------------------------	---

#### 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
--	----------------------------

#### Installation | Cable

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

Cable identification	634
----------------------	-----

Cable Type	3
------------	---

Jacket Color	black
--------------	-------

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

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

Stranding	4 wires twisted
-----------	-----------------

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

Cable weight	36,3 g/m
--------------	----------

Material jacket	PUR
-----------------	-----

Shore hardness jacket	90 ± 5 Shore A
-----------------------	----------------

Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
-----------------------------------	--

Outer-diameter (jacket)	4,5 mm
-------------------------	--------

Tolerance outer diameter (sheath)	± 5 %
-----------------------------------	-------

Material wire insulation	PP
--------------------------	----

Amount wires	4
--------------	---

Outer diameter insulation	1,25 mm
---------------------------	---------

Outer diameter tolerance core insulation	± 5 %
--	-------

Shore hardness wire insulation	70 ± 5 Shore D
--------------------------------	----------------

Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
-------------------------------------	--

Amount strands (wire)	42
-----------------------	----

Diameter of single wires	0,1 mm
--------------------------	--------

Conductor crosssection (wire)	0,34 mm²
-------------------------------	----------

Material conductor wire	Stranded copper wire, bare
-------------------------	----------------------------

Conductor type (wire)	strand class 6
-----------------------	----------------

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)	2,5 kV @ 60 s
------------------------------------	---------------

Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
---	---------------

Min. operating temperature (static)	-40 °C
-------------------------------------	--------

Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
------------------------------------	-----------------------------------

Operating temperature min. (dynamic)	-25 °C
--------------------------------------	--------

Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
--------------------------------------	-----------------------------------

UV resistance	DIN EN ISO 4892-2 A
---------------	---------------------

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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min