

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

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 0.3m

Cube67

Male straight – female straight

M12 – M12, 6-pole

shielded

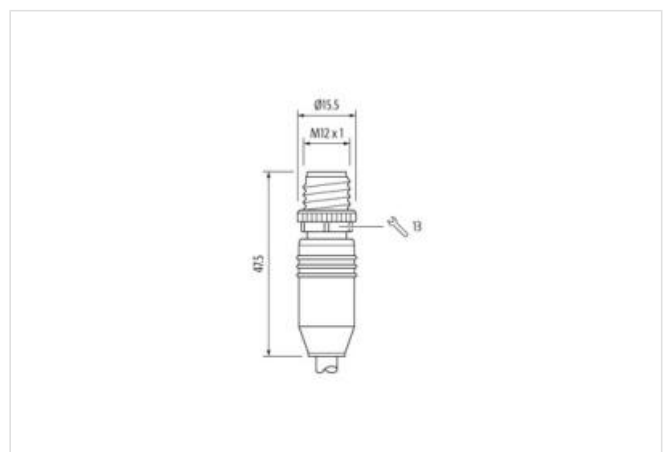
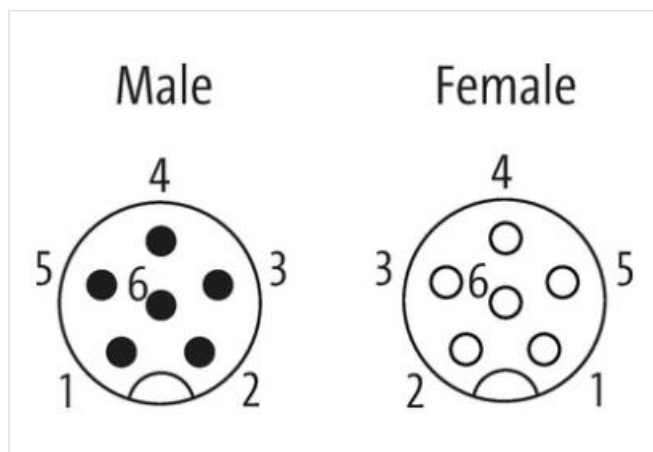
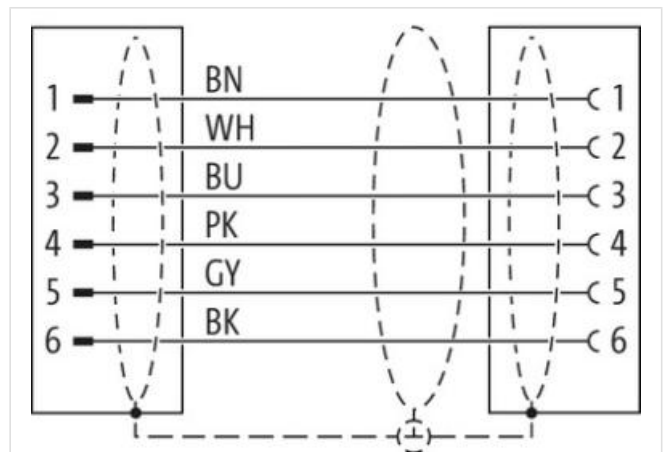
A-coded

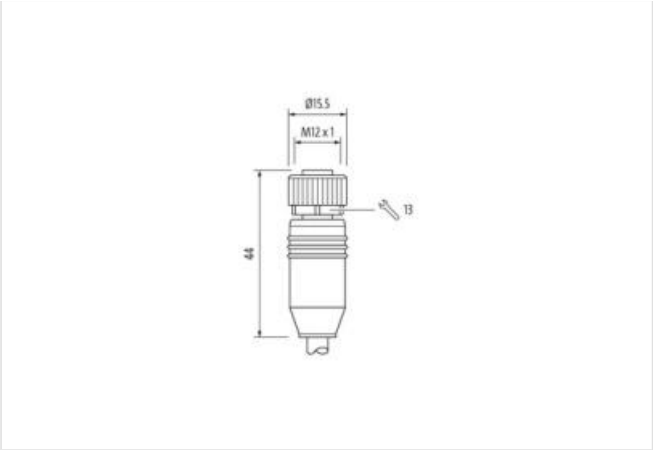
Hybrid cable

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 naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	6
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	6
Commerciële gegevens	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
Douane tarief nummer	85444290

GTIN	4048879140539
------	---------------

Verpakkingseenheid	1
--------------------	---

Electrical data | Supply

Operating voltage AC max.	30 V
---------------------------	------

Operating voltage DC max.	30 V
---------------------------	------

Operating voltage AC (UL-listed)	30 V
----------------------------------	------

Operating voltage DC (UL-listed)	30 V
----------------------------------	------

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

Diagnostics

Status indication LED	no
-----------------------	----

Device protection | Electrical

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

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

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

Rated surge voltage	0,8 kV
---------------------	--------

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

Mechanical data | Material data

Coating locking	Nickeled
-----------------	----------

Material gasket	FKM
-----------------	-----

Locking material	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
--	----------------------------

Installation | Cable

Cable identification	802
----------------------	-----

Jacket Color	green
--------------	-------

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

STOOW style jacket	Hybrid, Signal, Data
--------------------	----------------------

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

Stranding	2 wires twisted
-----------	-----------------

Amount stranding (type 2)	1
---------------------------	---

Stranding (type 2)	4 wires with Stranding combination with 3 Filler twisted
--------------------	--

Cable shielding (type)	copper braid, tinned
------------------------	----------------------

Cable shielding (coverage)	80 %
----------------------------	------

Banding	Fleece
---------	--------

Filler	yes
--------	-----

wire arrangement	(gray, pink), blue, white, brown, black
------------------	---

No. of bending cycles (C-track)	5 Mio. @ 25 °C
---------------------------------	----------------

Cable weight	77 g/m
--------------	--------

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

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

Outer-diameter (jacket)	6,6 mm
-------------------------	--------

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

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

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

Outer diameter insulation	1,4 mm
---------------------------	--------

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

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

Amount strands (wire)	64
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	PP
Outer diameter wire insulation (Data)	1,1 mm
Tolerance outer diameter wire insulation (data)	± 5 %
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (Data)	2
Amount strands wire (Data)	32
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	0,25 mm ²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6,3 A
Current load capacity min. Wire (Data)	3,2 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	79 Ω/km @ 20 °C
Electric inductivity line constant	0,65 mH/km
Loop resistance	2000 MΩ × km
Nominal voltage power AC max.	300 V
Electrical capacity line constant (wire - wire) (power)	63000 pF/km
AC withstand voltage power (wire - shield)	1,2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage power (wire - wire)	1,5 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Torsion stress	± 180 °/m