

## M12 male 0° / M12 female 90° A-cod. shielded

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

Cube67 Male straight – female 90° M12 – M12, 6-pole shielded Hybrid cable

Plastic housings with good resistance against chemicals and oils.

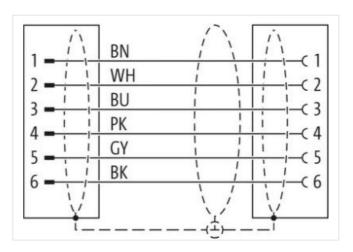
The resistance to aggressive media should be individually tested for your application. Further details on request.

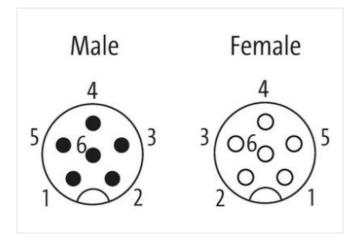
Further cable lengths on request.

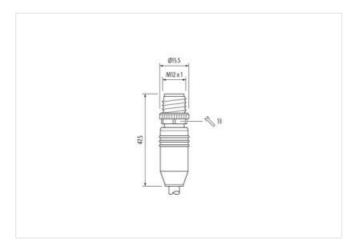
## **Link to Product**

## Illustration



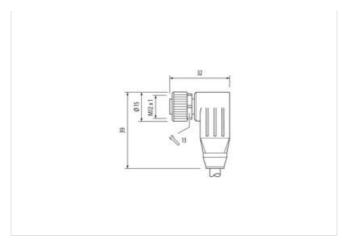








stay connected



Product may differ from Image





Cable length	5 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Thread	M12 x 1
Material	PUR
Commercial data	
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
customs tariff number	85444290
GTIN	4048879366564
Packaging unit	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
Device protection   Electrical	



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Degree of protection (ISO 20653:2013)	IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
Mechanical data   Material data	
Coating locking	Nickeled
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	
	VAS
	yes (gray pink) blue white brown black
wire arrangement	(gray, pink), blue, white, brown, black
wire arrangement  No. of bending cycles (C-track)	(gray, pink), blue, white, brown, black 5 Mio. @ 25 °C
wire arrangement  No. of bending cycles (C-track)  Cable weigth	(gray, pink), blue, white, brown, black 5 Mio. @ 25 °C 77 g/m
wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket	(gray, pink), blue, white, brown, black 5 Mio. @ 25 °C 77 g/m PUR
wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free
wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free  6,6 mm
wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free  6,6 mm  ± 5 %
wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free  6,6 mm  ± 5 %  PP
wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free  6,6 mm  ± 5 %  PP
wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free  6,6 mm  ± 5 %  PP  4  1,4 mm
wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free  6,6 mm  ± 5 %  PP  4  1,4 mm  ± 5 %
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wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Ingredient freeness wire insulation  Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Material wire insulation (Data)	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free  6,6 mm  ± 5 %  PP  4  1,4 mm  ± 5 %  lead-free, cadmium-free, CFC-free, halogen-free  64  0,1 mm  0,5 mm²  Stranded copper wire, bare  strand class 6  PP
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wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Ingredient freeness wire insulation  Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Material wire insulation (Data)  Outer diameter wire insulation (Data)  Tolerance outer diameter wire insulation (Data)  Ingredient freeness wire insulation (Data)  Amount wires (Data)  Amount strands wire (Data)	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free  6,6 mm  ± 5 %  PP  4  1,4 mm  ± 5 %  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  64  0,1 mm  0,5 mm²  Stranded copper wire, bare strand class 6  PP  1,1 mm  ± 5 %  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  2  32
wire arrangement  No. of bending cycles (C-track)  Cable weigth  Material jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Ingredient freeness wire insulation  Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Material wire insulation (Data)  Outer diameter wire insulation (Data)	(gray, pink), blue, white, brown, black  5 Mio. @ 25 °C  77 g/m  PUR  lead-free, CFC-free, halogen-free  6,6 mm  ± 5 %  PP  4  1,4 mm  ± 5 %  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  64  0,1 mm  0,5 mm²  Stranded copper wire, bare  strand class 6  PP  1,1 mm  ± 5 %  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  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