

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

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 7m

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

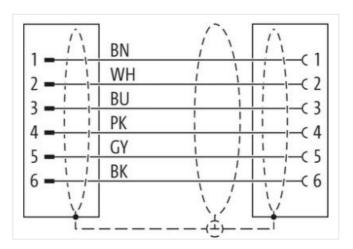
Plastic housings with good resistance against chemicals and oils.

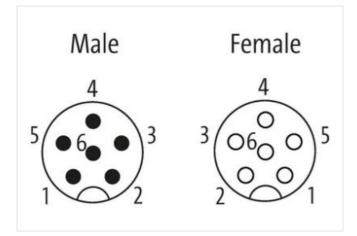
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

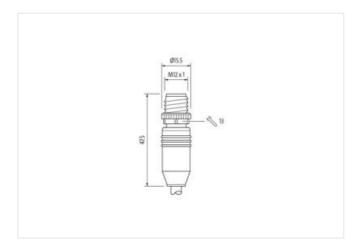
Link to Product

Illustration

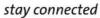


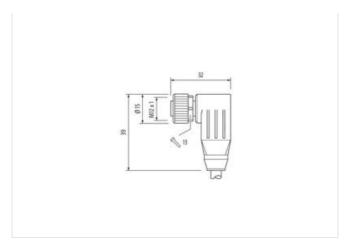












Product may differ from Image





Cable length	7 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	4048879673358
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	



stay connected

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 %
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	(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
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)	(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
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	(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
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)	(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
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	(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
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)	(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
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
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
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)	(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 %
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)	(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
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) Amount wires (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
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