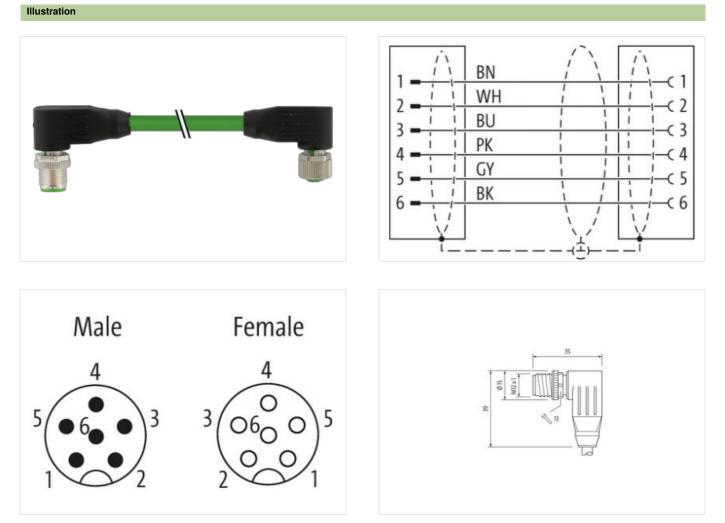


M12 male 90° / M12 female 90° A-cod. shielded

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

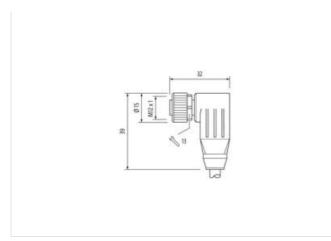
Cube67 Male 90° – female 90° M12 – M12, 6-pole A-coded shielded Hybrid cable Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



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Product may differ from Image



Side 1 Tightening torque 0.6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding contact Copper alloy No. of poles 6 Width across flats SW13 Size 2	Cable length	0,3 m
Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Width across flats SW13 Side 2	Side 1	
Coating contact gold plated Family construction form M12 Thread M12 x1 Coding A Material contact Copper alloy No. of poles 6 With across flats SW13 Side 2	Tightening torque	0,6 Nm
Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Width across flats SW13 Side 2	Mounting method	inserted, screwed
Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Width across flats SW13 Side 2	Coating contact	gold plated
CodingAMaterial contactCopper alloyNo. of poles6Width across flatsSW13Side 2	Family construction form	M12
Material contactCopper alloyNo. of poles6Width across flatsSW13Side 2Tightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1CodingAMaterial contactCopper alloyNo. of poles6Commercial dataECLASS-6.027061801ECLASS-6.127060307ECLASS-6.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-11.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.027060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.027060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307 </td <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1
No. of poles 6 Width across flats SW13 Side 2	Coding	A
Width across flatsSW13Side 2Tightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1CodingAMaterial contactCopper alloyNo. of poles6Commercial dataECLASS-6.027061801ECLASS-7.027060307ECLASS-7.027060307ECLASS-8.027060307ECLASS-8.027060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.0.127060307ECLASS-1.2.027060307ECLASS-1.2.027060307ECLASS-1.2.027060307ECLASS-1.2.027060307ECLASS-1.2.027060307ECLASS-1.2.027060307 <t< td=""><td>Material contact</td><td>Copper alloy</td></t<>	Material contact	Copper alloy
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 No. of poles 6 Commercial data Z7060307 ECLASS-6.0 27060307 ECLASS-8.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-15.0 ECON0855 customs tariff number 85444290<	No. of poles	6
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 No. of poles 6 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.0	Width across flats	SW13
Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.0 27060307	Side 2	
Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data Z7061801 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1.1 27060307 ECLASS-1.1.1 27060307 ECLASS-1.2.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290	Tightening torque	0,6 Nm
Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ETIM-5.0 EC01855 customs tariff number 85444290		inserted, screwed
Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data Z7061801 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290	Coating contact	gold plated
Coding A Material contact Copper alloy No. of poles 6 Commercial data E ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-12.0 27060307 ECUASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290	Family construction form	M12
Material contact Copper alloy No. of poles 6 Commercial data E ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307	Thread	M12 x 1
No. of poles 6 Commercial data 27061801 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307	Coding	A
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ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-8.0	27060307
ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-9.0	27060307
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ETIM-5.0 EC001855 customs tariff number 85444290		27060307
customs tariff number 85444290	ECLASS-12.0	27060307
	ETIM-5.0	EC001855
GTIN 4048879140195	customs tariff number	85444290
	GTIN	4048879140195

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Packaging unit	1
Electrical data Supply	
Operating voltage AC max. Operating voltage DC max.	30 V 30 V
Operating voltage DC max.	
Operating voltage DC (UL-listed)	30 V 30 V
Current operating per contact max.	4 A
	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	
Contour for corrugated hose	without
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
Important installation notes	
•	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation Cable	
wire arrangement	(gray, pink), blue, white, brown, black
Cable identification	802
Function cable	Hybrid, Signal, Data
Jacket Color	green
Type of Certificate	cURus
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
Cable weigth	77 g/m
Material jacket	
	PUR
Freedom from ingredients (jacket)	PUR lead-free, CFC-free, halogen-free
Freedom from ingredients (jacket) Outer-diameter (jacket)	

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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
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Electric inductivity line constant	0,65 mH/km
Electrical capacity line constant (wire - wire)	63000 pF/km
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,2 kV @ 60 s
Isolation resistance	2000 MΩ × km
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
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C
Travel speed (C-track)	2 m/s @ 25 °C
Torsion stress	± 180 °/m

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