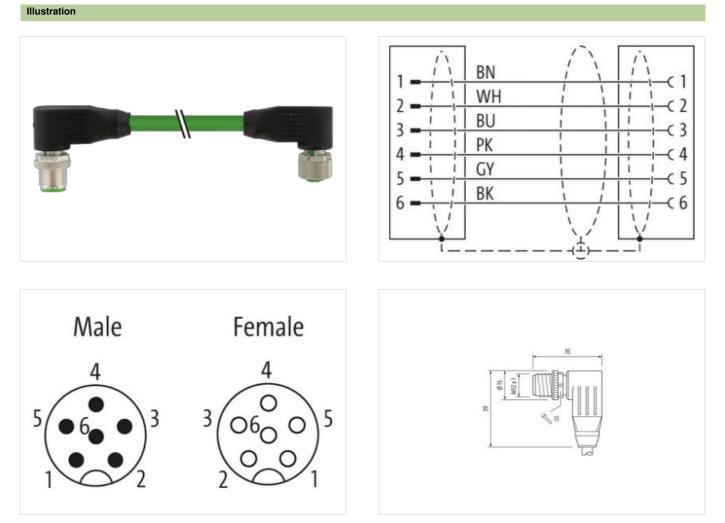


M12 male 90° / M12 female 90° A-cod. shielded

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 3.5m

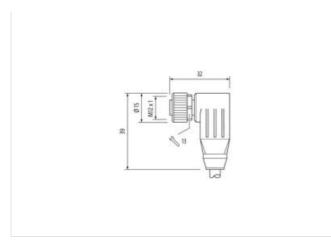
Cube67 Male 90° – female 90° M12 – M12, 6-pole A-coded shielded Hybrid cable Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



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Product may differ from Image



Cable length	3,5 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
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
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-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879140119

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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.	4A
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
Installation Cable	
·	000
Cable identification	802
Jacket Color	green
Type of Certificate	cURus
STOOW style jacket	Hybrid, Signal, Data
Amount stranding	
Stranding	2 wires twisted
Amount stranding (type 2) Stranding (type 2)	1
	A university of the realized example a state of Ciller Automatical
	4 wires with Stranding combination with 3 Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (type) Cable shielding (coverage)	copper braid, tinned 80 %
Cable shielding (type) Cable shielding (coverage) Banding	copper braid, tinned 80 % Fleece
Cable shielding (type) Cable shielding (coverage) Banding Filler	copper braid, tinned 80 % Fleece yes
Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement	copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black
Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track)	copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 5 Mio. @ 25 °C
Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track) Cable weigth	copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black
Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track)	copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 5 Mio. @ 25 °C 77 g/m
Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 5 Mio. @ 25 °C 77 g/m PUR
Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Freedom from ingredients (jacket)	copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 5 Mio. @ 25 °C 77 g/m PUR lead-free, CFC-free, halogen-free
Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 5 Mio. @ 25 °C 77 g/m PUR lead-free, CFC-free, halogen-free 6,6 mm
Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 5 Mio. @ 25 °C 77 g/m PUR lead-free, CFC-free, halogen-free 6,6 mm ± 5 %
Cable shielding (type) Cable shielding (coverage) Banding Filler 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	copper braid, tinned 80 % Fleece yes (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
Cable shielding (type) Cable shielding (coverage) Banding Filler 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	copper braid, tinned 80 % Fleece yes (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

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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 mm²
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

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