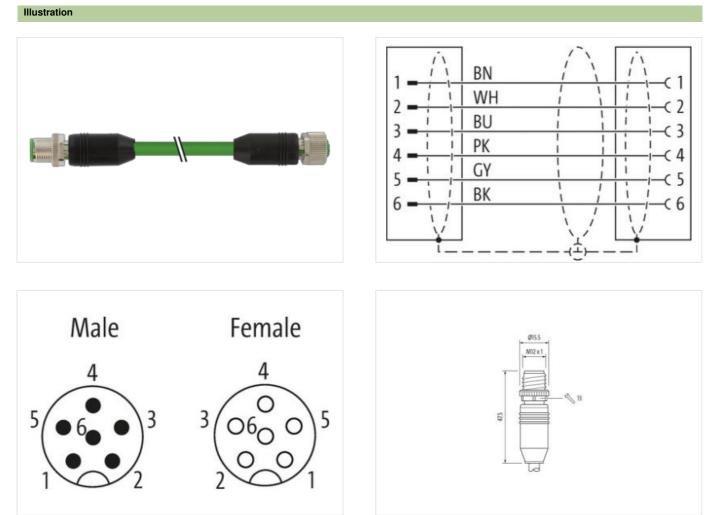


## M12 male $0^\circ$ / M12 female $0^\circ$ A-cod. shielded

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 7.5m

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 to Product



The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-09





Product may differ from Image



Cable length	7,5 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
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
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

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Electrical data   Supply       Operating voltage AC max.     30 V       Operating voltage CD cmax.     30 V       Operating voltage AC (ILL-Isted)     30 V       Operating voltage AC (ILL-Isted)     30 V       Constrating voltage AC (ILL-Isted)     30 V       Constrating voltage CD (UL-Isted)     30 V       Constration voltage constant max.     4 A       Degree production [EN IE G 06229)     PES. IP87       Additional condition protection degree     inserted, scewed       Polizion Organy Softego     3       Rade suge voltage     0.8 N       Metanal group (EX Softego)     10       Metanal group (EX Softego)     20 So       Operating tomperature max.     20 So	customs tariff number	85444290
Electrical data   SupplyOperating voltage AC max.30 VOperating voltage AC (UL: listed)30 VDisperating Voltage AC (UL:	GTIN	4048879140362
Operating voltage AC max.30 VOperating voltage AC max.30 VOperating voltage AC (IL-isted)30 VOperating voltage AC (IL-isted)30 VCurrent operating voltage AC (IL-isted)30 VOurrent operating voltage AC (IL-isted)4 ADispositionIDispositionIDisposition (ISC 5008)P65, IP67Additional condition protection degreeinsertiot, sceweidDisposition (ISC 5008)1Disposition (ISC 5008)1Material graup (IEC 5008-11)1Inchanication (ISC 5008-11)1Material graup (IEC 5008-11)1Material graup (IEC 5008-11)1Inchanication (ISC 5008-11)1Inchanication (ISC 5008-11)1Material grave (ISC 5008-11)1Inchanication (ISC 5008-11)2Inchanication (ISC 5008-11)2Inchanication (ISC 5008-11)2Inchanication (ISC 5008-11)2Inchanication (ISC 5008-11)2Inchanication (ISC 5008-11)2Inchanication (ISC 5008-11)2Inchanicatio	Packaging unit	1
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Deprotection (EAC (UL-listed)     30 V       Deprotection (EAC (UL-listed)     0       Device protection (EAC (UL-listed)     0       Additional condition protection degree     184444       Additional condition protection degree     3       Read surge voltage     0.8 kV       Material gask     EAC       Dollaring locking     Nickuled       Material gask     FRA       Device protectistic (Eac (EAC))     1       Material gask     FRA       Device protectistic (Eac (EAC))     1       Material gask     FRA       Device protectistic (Eac (EAC))     1       Material gask     FRA       Dolaring tompspace (EC 60064+1)     1       Material gask     FRA       Device frag frag (EAC)     FRA       Dolaring to	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Deprotection (EAC (UL-listed)     30 V       Deprotection (EAC (UL-listed)     0       Device protection (EAC (UL-listed)     0       Additional condition protection degree     184444       Additional condition protection degree     3       Read surge voltage     0.8 kV       Material gask     EAC       Dollaring locking     Nickuled       Material gask     FRA       Device protectistic (Eac (EAC))     1       Material gask     FRA       Device protectistic (Eac (EAC))     1       Material gask     FRA       Device protectistic (Eac (EAC))     1       Material gask     FRA       Dolaring tompspace (EC 60064+1)     1       Material gask     FRA       Device frag frag (EAC)     FRA       Dolaring to	Operating voltage AC max.	30 V
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Concert operating per contact max.     4 A       Diagnobics     setue indication LED     no       Device protection [Electrical     no     setue indication LED     no       Device protection [Electrical     nearbod, screwed     setue indication LED     no       Device protection [Electrical     nearbod, screwed     setue indication LED     setue indication LED       Device protection [Electrical     screwed     setue indication LED     setue indication LED       Device protection for protection degree     3     setue indication LED     setue indication LED       Device protection for protection degree     0.8 kV     setue indication LED     setue indication LED       Mechanical dotal Material data     Zinc dio casting     setue indication LED     setue indication LED       Mechanical dotal Importation min.     25 °C     Setue indication LED     setue indication LED       Operating for protection metanical bio modes     Actention: Observe the protection by suitable measures from mechanical loads, e.g. by the usage of cable less.       Note on bending radius     Attentrion: Observe the premissible bending radii when la		30 V
Operating por contact max.     4 A       Disposition     Filter Status indication LED     no       Device protection   Electrical     Degree of protection   Electrical     Status indication LED     no       Device protection   Electrical     Imposition (EN IEC 60829)     IP65, IP67     Additional condition protection degree     3       Reade surge voltage     0.8 kV     Imposition (EN IEC 60824-1)     1       Mechanical data Imposition of the status of t		30 V
Current operating per contact max.     4 A       Disposities     source oprediction (EM EC 60559)     PB65, IP67       Additional condition protection (EM EC 60559)     IP65, IP67       Material graup valtage     0, 8 kV       Material graup (IEC 606641)     I       Mechanicad Li Meetrial data     Excelee Additional Condition (EM EC 606641)       Coating booking     Nickinded       Material grasket     FKM       Coating todowing     Inserded, screwed, Shaking protection       Meuting imperiature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on stain nellef     Portext the connectors by suitable measures from mechanical leads, e.g. by the usage of cable leas.       Note on bending radius     Attention: Cobore the protexting radii when laying cables, as the IP protection class can be andaragered by exc		30 V
Status indication LED     no       Device of protection   Electrical     IPES, IPE7       Degree of protection (EN IEC 60529)     IPES, IPE7       Additional condition protection degree     3       Pollution Degree     3       Material gauge voltage     0.8 kV       Material gauge voltage     0.8 kV       Material gasking     0.8 kV       Material gasking     Nickeled       Material gasking     Nickeled       Material gasking     Sine de, carsing       Material gasking     Sine de, carsing       Material gasking     Sine de, sorewed, Shaking protection       Operating temperature max.     85 °C       Additional donal to motion temperature max.     85 °C       Additional donal to motion temperature max.     85 °C       Additional ond to temperature max.     85 °C       Additional donal to motion temperature max.     86 °C       Note on bending radiu     Protecthero the portiscible bending radii when laying cables, as the IP protection class can be and agreer dy excessive bending forces.       Distation IC Sober Weit by portiscible Dending radii when laying cables, as the IP protection class can be and agreer dy excessive bending forces.       Distadii do (ple	Current operating per contact max.	4 A
Device protection   Electrical     IP65. IP67       Additional condition protection degree     inserted, screwed       Additional condition protection degree     inserted, screwed       Pollutan Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     I       Mechanical dist   Material data     Material gaskat       Exchanical dist   Material data     FKM       Cacking packing     Nickeled       Material gaskat     FKM       Cacking material     Zinc die-casting       Material gaskat     FKM       Cacking material     Sinc die-casting       Mouning method     inserted, screwed, Shaking protection       Environmental characteristes   Climatic     FCO       Operating temperature min.     45 °C       Operating temperature max.     45 °C       Additional condition temperature range     depending on cable quality       Important Installation notemerature range     depending forces.       Note on stain refel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on stain refel     Sinoding forces.       Type of Ceriffi	Diagnostics	
Degree of protection (EN IEC 60629)     IP65, IP67       Additional condition protection degree     Inserted, screwed       Plated surge voltage     0,8 kV       Rated surge voltage     0,8 kV       Material group (IEC 60641)     I       Mechanical data [Material data     Exclusion locking       Costing locking asket     FKM       Locking material     Zinc dis-casting       Mechanical data [Mounting data     Inserted, screwed, Shaking protection       Mechanical data [Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Inserted, screwed, Shaking protection       Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Inserted screwed, Shaking protection grow in schema screwed for by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on berding range     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be devident for screwed bending forces.       Inserted screwed, Shaking combination with S Filler twisted     Gable identification       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be devide	Status indication LED	no
Additional condition protection degree     inserted, acrewed       Pollution Degree     3       Related surge voltage     0.8 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Mechanical data   Material data     Execution (IEC 60664-1)     Incention (IEC 60664-1)       Mechanical data   Mounting data     Execution (IEC 60664-1)     Incention (IEC 60664-1)       Mechanical data   Mounting data     Inserted, acrewed, Shaking protection     Incention (IEC 60664-1)       Mechanical data   Mounting data     Inserted, acrewed, Shaking protection     Inserted, acrewed, Shaking protection       Mounting method     Inserted, acrewed, Shaking protection     Inserted, acrewed, Shaking protection       Coperating temperature max.     85 °C     Coperating temperature max.     85 °C       Additional condition notes     Inserted, acrewed, Shaking protection     Inserted, acrewed, Shaking protection       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Hybrid, Signal, Data     Cable isolating fores.       Cable isolation     602     Cable isolation     602	Device protection   Electrical	
Additional condition protection degree     inserted, acrewed       Pollution Degree     3       Related surge voltage     0.8 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Mechanical data   Material data     Execution (IEC 60664-1)     Incention (IEC 60664-1)       Mechanical data   Mounting data     Execution (IEC 60664-1)     Incention (IEC 60664-1)       Mechanical data   Mounting data     Inserted, acrewed, Shaking protection     Incention (IEC 60664-1)       Mechanical data   Mounting data     Inserted, acrewed, Shaking protection     Inserted, acrewed, Shaking protection       Mounting method     Inserted, acrewed, Shaking protection     Inserted, acrewed, Shaking protection       Coperating temperature max.     85 °C     Coperating temperature max.     85 °C       Additional condition notes     Inserted, acrewed, Shaking protection     Inserted, acrewed, Shaking protection       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Hybrid, Signal, Data     Cable isolating fores.       Cable isolation     602     Cable isolation     602	Degree of protection (EN IEC 60529)	IP65_IP67
Pailution Degree 3   Rated surge voltage 0.8 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data    Coating locking Nickeled   Material gravel FKM   Locking material Zinc die casting   Methanical data   Mounting data    Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic    Operating temperature min. -25 °C   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   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles.   Installation   Cable Hybrid, Signal, Data   Cable identification 802   Jacket Color green   Type of Certificate cURus   Anount stranding 1   Stranding (type 2) 1   Stranding (type 2) 1   Stranding (type 2) 4 wires with Stranding combination with 3 Filler twisted   Cable shielding (covarage) 80 %   Stranding (type 2) 4 wires with Stranding combinati		
Rated aurge voltage     0,8 kV       Material group (IEC 6064-1)     I       Mechanical data   Material data     Vickeled       Cansing locking     Nickeled       Material gasket     FKM       Locking material     Zinc die-casing       Mechanical data   Mounting data     Vickeled       Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Vickeled       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important instaliation notes     Sec °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Instaliation Cable     Usage of cable ties.       Strading Group (Edition     Bo2       Jacket Color     green       Type of Certificate     CURus       Amount stranding     1       Strading (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shelding (type 2)     1       Stranding (type 2)     1		
Material group (IEC 60664-1)     I       Mechanical data   Material data        Coaling locking     Nickeled       Material gaset     FKM       Looking material     Zinc die-casting       Mechanical data   Mounting data        Meuning method     inserted, serewed, Shaking protection       Environmental characteristics   Climatic        Operating representative min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     80 °C       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargreed by excessive bending for		
Mechanical data   Material data       Coating locking     Nickeled       Material gasket     FKM       Locking material     Zino die-casting       Mechanical data   Mounting data     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 network     S5 °C     Additional condition temperature range     depending on cable quality       Important Installation network     S5 °C     Additional condition temperature may.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles.       Note on brain gradus     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be geneling or cable size bending fores.       Stallation   Cable     ereen     Ereen       Stallation   Cable     green     Ereen       Type of Certificate     cuProte strain relief     Sive twisted       Amount stranding (type 2)     1     Ereen       Stranding (type 2)     9 wires twisted     Ereen		
Coating locking     Nickeled       Material gasket     FKM       Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting methy     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature max.       Qerating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Visco en 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.       Stood of the full signal, Data     Cable identification       Que contribution (type 2)     IPus       Anount stranding (type 2)     Que swite by Stranding combination with 3 Filler twisted       Cable shielding (type 2)     Goper traid, tinned       Cable shielding (type 2)     Sins with Stranding combination with 3 Filler twisted       Cable shielding (type 2)     Sins with Stranding combination with 3 Fi		
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 may.     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     Strollow dependent on the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Cartificate     CJRus       Amount stranding     1       Stranding     2 wires twisted       Anount stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combinat	· ·	Nickeled
Locking material     Zinc die-casting       Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Commental 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 ites.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Certificate     cURus       Anount stranding     1       Stranding     2 wires twisted       Anount stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filter twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     80 %		
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic		
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Very constrain relief       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     StroOW style jacket       Ypb of Certificate     Hybrid, Signal, Data       Cable identification     802       Jacket Colo     green       Type of Certificate     cURus       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 (type)     copper braid, tinned       Cable shielding (type)     gray, pink), blue, white, brown, black       Traversing distance (C-track)     10 m @ 25 °C       <		
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation [Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation [Cable     StroOW style jacket     Hybrid, Signal, Data       Cable identification     802     Jacket Colo       green     rype of Certificate     cURus       Amount stranding     1     Stranding (type 2)       Amount stranding (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shielding (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shielding (type 2)     80 %       Banding     Flece       Filler     yes           wire arrangement     (gray, pink), blue		incarted encounted Obalian automica
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.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Certificate     CUBus       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shielding (coverage)     80 %       Banding     Filece       Filler     yes       wire arrangement     (gray, pink), blue, white, brown, black       Traversing distance (C-track)     10 m @ 25 °C       Cable weigh     77 g/m	-	Inserted, screwed, Snaking protection
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Mote on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     StroOW style jacket     Hybrid, Signal, Data       Cable identification     802     Jacket Color       green     Type of Certificate     CURus       Amount stranding     1     Stranding       Stranding (type 2)     1     Stranding (type 2)       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     80 %       Banding     Filer       Filer     yes       wire arrangement     (gray, pink), blue, white, brown, black       Traversing distance (C-track)     10 m @ 25 °C       Cable weight     77 g/m       Material jacket     PUR		
Additional condition temperature range     depending on cable quality       Important installation notes     Mote 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     StoOW style jacket     Hybrid, Signal, Data       Cable identification     802     Jacket Color     green       Type of Certificate     cURus     CURus     Culture       Amount stranding     1     Stranding     2 wires twisted       Amount stranding (type 2)     1     Stranding combination with 3 Filler twisted     Cable shielding (type)       Cable shielding (type)     90%     Stranding     Fileece       Filler     yes     yes     wire arrangement     (gray, pink), blue, white, brown, black       Traversing distance (C-track)     10 m @ 25 °C     Cable weight     77 g/m       Material jacket     PUR     Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free		
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     Endemoderation of the protection class can be endangered by excessive bending forces.       STOOW style jacket     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires twisted       Amount stranding (type 2)     1       Stranding (type 2)     1       Cable shielding (type)     copper braid, tinned       Cable shielding (type 2)     80 %       Banding     Fleece       Filler     yes       wire arrangement     (gray, pink), blue, white, brown, black       Traversing distance (C+track)     10 m @ 25 °C       Cable weight     77 g/m       Material jacket     PUR       Freedom from ingredients (jacket)     Iead-free, CFC-free, halogen-free		
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     Enstallation       STOOW style jacket     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Certificate     cUBus       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     Fileece       Filler     yes       wire arrangement     (gray, pink), blue, white, brown, black       Traversing distance (C-track)     0 m @ 25 °C       Cable weigth     77 g/m       Material jacket     PUR       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free       Outer-diameter (jacket)     6,6 mm	Additional condition temperature range	depending on cable quality
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   CableSTOOW style jacketHybrid, Signal, DataCable identification802Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type 2)60 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)70 m @ 25 °CCable weigth77 g'mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm	Important installation notes	
Note of indenting facilitiesendangered by excessive bending forces.Installation   CableSTOOW style jacketHybrid, Signal, DataCable identification802Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type 2)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
STOOW style jacketHybrid, Signal, DataCable identification802Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm	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.
Cable identification802Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm	Installation   Cable	
Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm	STOOW style jacket	Hybrid, Signal, Data
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Amount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm	Amount stranding	1
Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm	Stranding	2 wires twisted
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Filleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm	Cable shielding (coverage)	
wire arrangement   (gray, pink), blue, white, brown, black     Traversing distance (C-track)   10 m @ 25 °C     Cable weigth   77 g/m     Material jacket   PUR     Freedom from ingredients (jacket)   lead-free, CFC-free, halogen-free     Outer-diameter (jacket)   6,6 mm	Banding	Fleece
Traversing distance (C-track)   10 m @ 25 °C     Cable weigth   77 g/m     Material jacket   PUR     Freedom from ingredients (jacket)   lead-free, CFC-free, halogen-free     Outer-diameter (jacket)   6,6 mm	Filler	yes
Cable weigth 77 g/m   Material jacket PUR   Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free   Outer-diameter (jacket) 6,6 mm	wire arrangement	
Material jacket PUR   Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free   Outer-diameter (jacket) 6,6 mm	Traversing distance (C-track)	
Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free   Outer-diameter (jacket) 6,6 mm	Cable weigth	
Outer-diameter (jacket) 6,6 mm	Material jacket	
Tolerance outer diameter (sheath) ± 5 %		
	Tolerance outer diameter (sheath)	±5%

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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 <sup>2</sup>
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 <sup>2</sup>
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Loop resistance	2000 MΩ × km
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
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	9° 00
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
Travel speed (C-track)	5 Mio. @ 25 °C
Torsion stress	± 180 °/m

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