

## M8 male 0° / M8 female 0° A-cod.

PVC 3x0.34 gy UL/CSA 1.5m

Male straight - female straight

M8 - M8, 3-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

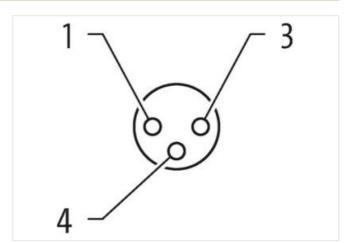
Plastic housings with good resistance against chemicals and oils.

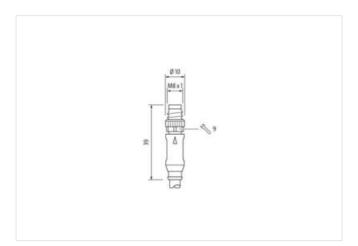
The resistance to aggressive media should be individually tested for your application. Further details on request.

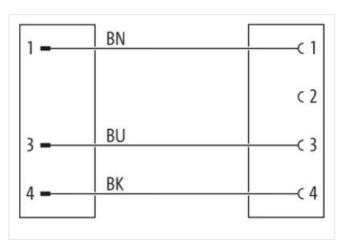
## **Link to Product**

## Illustration



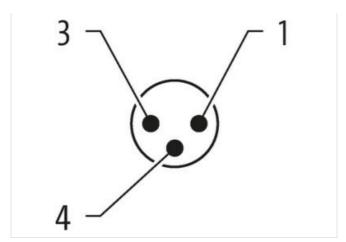


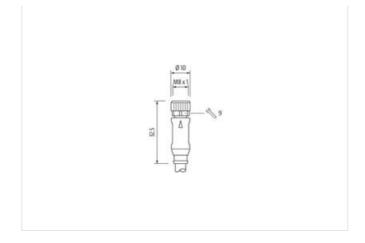






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Product may differ from Image



Cable length





1,5 m





	.,
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	3
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879820707
Packaging unit	1
Electrical data   Supply	
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Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         BO V           Operating voltage AC (UL-listed)         BO V           Device particular (Listed)         BO V           Device protection (Electrica)         Device protection (Electrica)           Degree of protection (Placetrica)         Inserted, Screwed           Additional protection (Polyce)         3 Section (All Control Contro	Departing voltage DC max.   00 V	Operating voltage AC max.	50 V
Operating voltage AC (UL stated)         30 V           Current operating per contact max.         4 A           Diagnostics	Sperating voltage AC (UL-listed) 30 V Duranting voltage AC (UL-listed) 30 V Duranting voltage AC (UL-listed) 30 V Duranting voltage DC (UL-listed) 30 V Diagnostics Status Indication LED no Device protection (Electrical Degree of pr	Operating valtage DC may	
Operating year formation and volume (DR C year formation and year formation an	Departure your stages DC (UL select) 30 V Current operating per contact max. 4 A  Device protection   Electrical  Device protection   Electrical  Device protection   Electrical  Degree of protection (EN IEC 60552)   P65, IP67, IP88, IP66K  Additional condition protection degree inserted, screwed  defaultion Degree   3  Salauda surge voltage   1,5 kV  daterial group (IEC 80664-1)   1  Mechanical data   Material data   Material data    Mechanical data   Material data   Material data    Solitor   PUR  Desiring locking   Nickaled    Material gasket   FKM    Mechanical data   Mounting data    Mounting material   Zinc die casting    Mechanical data   Mounting data    Mounting material   Zinc die casting    Mechanical data   Mounting data    Mounting material   Zinc die casting    Mechanical data   Mounting data    Mounting membra   Zinc die casting    Mechanical data   Mounting data    Mounting membra   Zinc die casting    Mechanical data   Mounting data    Mounting membra   Zinc die casting    Mechanical data   Mounting data    Mounting membra   Zinc die casting    Mechanical data   Mounting data    Mounting membra   Zinc die casting    Mechanical data   Mounting data    Mounting membra   Zinc die casting    Mechanical data   Mounting data    Mounting membra   Zinc die casting    Mechanical data   Mounting data    Mounting membra   Zinc die casting    Mounting membra   Zinc die cast		
Diagnostics	Diagnostics    Diagnostics   D		
Diagnostics         Status indication LED         no           Degree of protection   Electrical         Degree of protection (RIEC 60529)         IP68, IP67, IP68, IP68K           Additional condition protection degree         inserted, screwed           Publishor Degree         3           Rated surge voltage         1,5 kV           Moternal group (IEC 60664-1)         1           Coating locking         Mickeled           Mickenhald data Meterial data           Locking material         PUR           Coating locking         Nickeled           Material gasket         FOX           Material gasket         FOX           Mechanical data   Mounting adas           Locking material         Zinc dis-casting           Mechanical data   Mounting adas           Mechanical data   Mounting adas           Locking protection (Emberture min.         -25 °-C           Coperating temperature min.         -25 °-C           Coperating temperature min.         -25 °-C           Coperating temperature min.         -85 °-C           Additional condition temperature max.         85 °-G           Additional condition t	Status indication LED no  Poervice protection (EN IEC 60529) IP68, IP69, IP68, IP68K  Additional condition protection (degree  Pollution Degree 3  Raled surge voltage 1,5 kV  ***Vaterial group (IEC 60664-1) I***  Coating locking Nechanical data    ***Waterial group (IEC 60664-1) I**  ***Put Mechanical data    ***Waterial group (IEC 60664-1) I**  ***	· · · · · · · · · · · · · · · · · · ·	
Status Indication LED  Device protection   Electrical  Degree of protection   Electrical  Degree of protection (EN IEC 60829)   IPSS, IPS7, IPSS, IPSBK Additional condition protection days Pollution Degree   3  Rated surge voltage   1,5 kV  Material group (IEC 60864-1)   I  Mechanical data   Material data    Containg looking   Nickeled  Material gasket   FKM Material probable   PMR Looking material   Degree   TKM Material probable   PMR Looking material   Degree   TKM Material probable   Degree   TKM Material probable   Degree   TKM Material probable   Degree   De	Status Indication LED no  Device protection   Electrical   Degree of protection   Electrical   Degree of protection (EN IEC 609529)   IP65, IP67, IP68, IP66K   Odditional condition protection degree   inserted, screwed   Pollution Degree   3   Aladad surge voltage   1,5 NV   Waterial group (IEC 60964-1)   I   Mochanical data   Material data   Decauting locking   Nickeled   Waterial possing   PUR   Decauting locking   PUR   Decauting locking   PUR   Decauting locking   PUR   Decauting locking material   Zinc disc-asting   Mochanical data   Mounting data   Wounting method   Inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Deparating temperature max.   85 °C   Deparating temperature max.   85 °C		70
Degree of protection   Electrical  Degree of protection (EN IEC 60529)   IP65, IP67, IP68, IP66K  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kW  Material group (IEC 60664+1)   I  Mechanical data   Material data  Coaling locking Nickeled  Material posting PUR  Mouthing material Pouring PUR  Mechanical data   Material data  Coaling rocking Nickeled  Material posting PUR  Mechanical data   Material data  Coaling locking Nickeled  Material posting PUR  Locking material Pouring PUR  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Corporating temperature min. 25 ° C  Operating temperature min. 25 ° C  Operating temperature max. 85 ° C  Additional condition temperature range depending on cable quality  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.  Contromity  Product standard Din Institution Cable  Cable identification 213  Salecki Color gray  Type of Certificate CURus  Amount stranding 1  Skending 3 wires twisted  wire arrangement brown, back, blue  Cable weight 34,1 gm  Material picket  Froedom from ingredients (jacket) 1,25 mm  Material properties we're insulation 1,25 mm  Outer diameter (sheath) 1,25 mm  Material properties we're insulation 1,25 mm	Device protection   Electrical	Diagnostics	
Degree of protection (EN IEC 6052s) IP65, IP67, IP68, IP68K Additional condition protection degree inserted, screwed Publishin Degree 3 Rated surge voitage 1,5 kV Material group (IEC 60664-1) I  Coating looking Nickelod Material group (IEC 60664-1) I  Coating looking Nickelod Material gasket FMM Material protein and the serting of the	Pegree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed  **Pollution Degree 3 **Rated surge voltage 1,5 kV  **Valiarial group (IEC 60664-1) I  **Pollution Degree Booked Boo	Status indication LED	no
Additional condition protection degree   inserted, screwed   Pollution Degree   3   Rated surge voltage   1,5 kV   Material group (IEC 60664-1)   I   Mechanical data   Material data   Mechanical data   Material data   Mechanical data   Material data   Material pasket   FKM   Material power   PUR   Locking material   Zin de-casting   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Mechanical data   Mounting data   Mounting inserted   Mounting data   Mounting inserted   Mounting data   Mounting inserted   Mounting data   Mounting inserted   Mounting inserted, screwed, Shaking protection   Material installation notes   Mote on bardiar elief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.  Note on bardiar product standard   DIN EN 81076-2-114 (M8)   Installation   Cable   Conformity   Product standard   DIN EN 81076-2-114 (M8)   Installation   Cable   Cable identification   213   Cable identification   214   Cable identification   218   Cable identification   3 wires twisted   Wire arrangement   Caple   Material   Material gabet   PVC   Standard   Material   Material gabet   PVC   Material wire insulation   PVC   Material wire insulation   45 %   Meterial wire insulation   1.25 mm   Outer diameter (sheath)   45 %   Meterial wire insulation   45 %   Material wire insula	Additional condition protection degree inserted, screwed  Pollution Degree 3  Alarded surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Zualing locking Nickeled  Material proup (IEC 60664-1)    Mechanical data   Material data  Zualing locking Nickeled  Material possing PUR  Material possing PUR  Mounting method   Imperature min    Zebra of Coperating temperature min.    Zebra of Coperating temperature min.	Device protection   Electrical	
Follution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         1           Mechanical data   Material data         Coating looking         Nickeled           Material plousing         PUR           Locking material         Zino die-casting           Mechanical data   Mounting data         Michanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radia when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         DIN En 61076-2-114 (Mg)           Installation   Gable         213           Cable identification   Gable         213           Cable identification   Gable         213           Cable identification   Gable         213           Vipe of Certificate   URsus         URsus stimulated   Gable   G	Facilitation Degree 3  Facilitation Degree 1,5 kV  Material group (ICE 60684-1)   1  Mechanical data   Material data  Coating looking Nickeled  Material passet FKM  Material housing PUR  Audicinal data   Material data  Coding material Zinc dis-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Departing temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protection data relief Protection Cassave bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be enda	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Flated surge voltage         1,5 kV           Material group (ICC 60684-1)         1           Coating looking         Nickeled           Material gasket         FKM           Material pasket         FKM           Material housing         PUR           Locking material         Zinc die casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Funding lamperature min.         -25 °C           Operating temperature min.         -25 °C         -25 °C           Operating temperature range.         85 °C         -25 °C           Additional condition temperature range.         85 °C         -25 °C           Additional condition temperature range.         85 °C         -25 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ides.           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.           Conformity         IN EN 61076-2-114 (M8)           Installation   Cable         213           Cable identification   213         213           Cable identification   214         214           Cable ident	Rated surge voltage 1,5 kV  Waterial group (EC6 80664-1) I  Doaling locking Nickeled Material data   Material data   FKM   Machanical data   Material pasket   FKM   FKM   Material possing   PUR   PUR   Material possing   PUR   PUR	Additional condition protection degree	inserted, screwed
Meterial group (IEC 60664-1)  Methonical data   Material data  Coating looking Nickeled  Material pasked FRM Material housing PUR  Locking material Zine de-casting  Mechanical data   Mounting data  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Important installation notes  Action installation notes  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product slandard   DIN EN 61076-2-114 (MB)  Installation   Cable  Cable identification   Cable  Cable identification   213  Cable identification   Cable  Cable iden	Material group (EC 60664-1)  Mochanical data   Material data  Coating locking   Nickeled   Material prosept   EVM   Medical place	Pollution Degree	3
Mechanical data   Material data         Nickeled           Coaling looking         Nickeled           Material pasket         FKM           Material pasket         Jon die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         S°C           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         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 bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by oxocasive bending forces.           Conformity         In Stallation   Cable           Total classified   Cable         In Stallation   Cable	Mechanical data   Material data  Coating looking Nickeled  Material pasket FKM  Material pasket PCM  Material pasket Zinc die-casting  Mechanical data   Mounting data  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Diperating temperature min. 25 °C  Diperating temperature min. 35 °C  Diperating temperature max. 35 °C  Mounting method Environmental characteristics   Climatic  Diperating temperature max. 35 °C  Attention: Coation temperature range depending on cable quality  Important Installation notes  Wote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Coserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Protect than 6 1076-2-114 (M8)  Installation   213  Zable Type  213  Zable Injune  Zable identification 218  Zable identification 219  Zable identification 31 wires twisted  Wire a rangement brown, black, blue  Zable weigh 34,1 ym  Material pixel PC  Shore hardness jacket 1 85 ± S Shore A  Freedom from ingredients (gabeket) 4,8 mm  Voter-diameter (gabeket) 4,8 mm  Voter-diameter (gabeket) 4,8 mm  Voter-diameter (gabeati) 1,25 mm  Voter diameter insulation 2,5 ± S Shore D  Voter diameter insulation 3,000 machinability	Rated surge voltage	1,5 kV
Coating locking         Nickeled           Material pasket         FKM           Material housing         PUR           Locking material         Zinc dis-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation nots         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.           Conformity         Product standard         DIN EN 61076-2-114 (M8)           Installation   Cable         213         23           Cable identification         213         23           Cable identification         213         24           Cable identification         213         24           Cable identification         213         24           Cable in Yugo         1         3           Use Carlidate         Use Carlidates         24<	Coating locking Nickeled FKM Material possing PUR  Jen discreasing PUR  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min. 25° C  Deparating temperature min. 25° C  Deparating temperature max. 85° C  Additional condition temperature range depending on cable quality  Important installation notes  Vote 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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Jale identification 213  Zable identification 213  Zable identification 213  Stranding 1 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Zable weigh 34.1 g/m  Material protein in ingredients (jacket) 1 lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) 25 %  Material wire insulation 45 ± 5 % out of the sure insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D	Material group (IEC 60664-1)	I
Coating locking         Nickeled           Material pasket         FKM           Material housing         PUR           Locking material         Zinc dis-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation nots         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.           Conformity         Product standard         DIN EN 61076-2-114 (M8)           Installation   Cable         213         23           Cable identification         213         23           Cable identification         213         24           Cable identification         213         24           Cable identification         213         24           Cable in Yugo         1         3           Use Carlidate         Use Carlidates         24<	Coating locking Nickeled FKM Material possing PUR  Jen discreasing PUR  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min. 25° C  Deparating temperature min. 25° C  Deparating temperature max. 85° C  Additional condition temperature range depending on cable quality  Important installation notes  Vote 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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Jale identification 213  Zable identification 213  Zable identification 213  Stranding 1 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Zable weigh 34.1 g/m  Material protein in ingredients (jacket) 1 lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) 25 %  Material wire insulation 45 ± 5 % out of the sure insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D	Mechanical data   Material data	
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Methanical data   Mounting material Locking material Locking material Mechanical data   Mounting data  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  Vote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. 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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable Cable identification 213 Cable of Color gray  Type of Certificate Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh Alt, grim Material jacket PVC Shore hardness jacket PVC Shore hardness jacket 1 lead-free, cadmium-free, CFC-free, sillicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) 1,25 mm Outer diameter insulation PVC Material properties wire insulation 1,25 mm Outer diameter insulation Amount wires insulation 4,5 Shore D Material properties wire insulation 9 ood machinability	Material housing PUR  Zinc die-casting  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Diperating temperature min25 °C  Operating temperature max85 °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.  Conformity  Product standard DIN EN 61076-2-114 (MB)  Installation   Cable  Cable identification   213  Cable (operation of the connector of the conne	<u> </u>	
Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection	Mechanical data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Deparating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes  Vote 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.  Conformity  Cable identification   213 Cable   Type   1 Cable identification   213 Cable   Type   1 Cable identification   213 Cable   Type   1 Cable identification   218 Carrier   Clifficate   Cliffic		
Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature man.         85 °C           Additional condition temperature range         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 bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         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.           Conformity         Product standard           Installation   Cable         Image: Cable (Amount standing forces)           Cable identification         213           Cable Type         1           Jacket Color         gray           Type of Cartificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Wrie arrangement         brown, black, blue           Cable weigh	Mechanical data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min25 °C  Deparating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Vote 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.  Conformity  Product standard Din		
Inserted, screwed, Shaking protection  Fivironmental characteristics   Climatic  Operating temperature min.	Fouring method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min25 °C  Deparating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Vote 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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Zable identification 213  Zable identification 213  Zakeket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Zable weight 34.1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) ± 5 %  Amount wires 3  Duter diameter (sustation 45 ± 5 Shore D  Material properties wire insulation 500 machinability		Line are vasuing
Environmental characteristics   Climatic  Operating temperature min25 °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.  Altention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076:2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation 1,25 mm  Outer diameter insulation 45 ± 5 Shore D  Material properties wire insulation 9 good machinability	Environmental characteristics   Climatic  Deparating temperature min25 °C  Deparating temperature max. 85 °C  Deparating 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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  Lacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Outer diameter insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Mechanical data   Mounting data	
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Installation   Cable           Cable identification         213           Cable identification         213           Cable identification         213           Cable Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weight         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         ± 6 mm           Outer diameter insulation <td>Operating temperature min25 °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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable Cable identification   213 Cable Type   1 Lacket Color gray  Cype of Certificate cURus Amount stranding 1 Stranding 3 wires twisted  wire arrangement brown, black, blue Cable weight 34,1 g/m  Material jacket PVC Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Dutler-diameter (jacket) ± 5 %  Amount wires 3  Duter diameter insulation 1,25 mm  Voter of larenter risulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 9 good machinability</td> <td>Mounting method</td> <td>inserted, screwed, Shaking protection</td>	Operating temperature min25 °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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable Cable identification   213 Cable Type   1 Lacket Color gray  Cype of Certificate cURus Amount stranding 1 Stranding 3 wires twisted  wire arrangement brown, black, blue Cable weight 34,1 g/m  Material jacket PVC Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Dutler-diameter (jacket) ± 5 %  Amount wires 3  Duter diameter insulation 1,25 mm  Voter of larenter risulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 9 good machinability	Mounting method	inserted, screwed, Shaking protection
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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  1  Jacket Color gray  Type of Certificate cuRus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigh 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from Ingredients (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter isulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Deparating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Vote 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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Zable identification 213  Zacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  Wrie arrangement brown, black, blue  Zable weight 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, sillcone-free  Duter-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation 1,25 mm  Duter diameter roulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 9 good machinability	Environmental characteristics   Climatic	
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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1 1  Stranding 3 vires twisted  wire arrangement brown, black, blue  Cable weigh 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingrecients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation 1,25 mm  Outer diameter isoulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 9 good machinability	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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  Laket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 vires twisted  wire arrangement brown, black, blue  Cable weight 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation 1,25 mm  Duter diameter insulation ± 5 %  Shore hardness wire insulation ± 5 ± 5 Shore D  Material properties wire insulation 9 good machinability	Operating temperature min.	-25 °C
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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 18-5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation 9cod machinability	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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore A Arreedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Material properties wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Operating temperature max.	85 °C
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.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation 9 good machinability	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.  Conformity  Product standard  DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification  213  Cable Type  1  Jacket Color  gray  Jacket Color  gray  Coefficiate  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  brown, black, blue  Cable weigth  34,1 g/m  Material jacket  PVC  Shore hardness jacket  Freedom from lingredients (jacket)  Lead-free, cadmium-free, CFC-free, silicone-free  Duter diameter (seketh)  ± 5 %  Material wire insulation  PVC  Amount wires  3  Duter diameter insulation  PVC  Amount wires  3  Duter diameter tolerance core insulation  45 ± 5 Shore D  Material properties wire insulation  45 ± 5 Shore D  Material properties wire insulation  Good machinability	Additional condition temperature range	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4.6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  Laket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Important installation notes	
conformity Product standard DIN EN 61076-2-114 (M8)  Installation   Cable Cable identification 213 Cable Type 1 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m Material piacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation 1,25 mm Outer diameter tolerance core insulation 45 ± 5 Shore D Material properties wire insulation good machinability  Material properties wire insulation good machinability	endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter risulation 1,25 mm  Outer diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable Type 1 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Outer diameter (sheath) + 5 %  Material wire insulation 1,25 mm  Outer diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 213  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Note on bending radius	
Installation   Cable           Cable identification         213           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability	Installation   Cable   Cable identification 213 Cable Type 1 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Duter-diameter (jacket) 4,6 mm Colerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Conformity	
Cable identification         213           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability	Cable identification         213           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability	Product standard	DIN EN 61076-2-114 (M8)
Cable identification         213           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability	Cable identification         213           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability	Installation   Cable	
Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability	Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Duter-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Duter diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability	•	212
Jacket Color gray Type of Certificate cURus  Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 45 ± 5 Shore D Material properties wire insulation good machinability		
Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4.6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability		
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability		
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Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability	Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability		
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Freedom from ingredients (jacket)  Outer-diameter (jacket)  4,6 mm  Tolerance outer diameter (sheath)  45 %  Material wire insulation  PVC  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  45 ± 5 Shore D  Material properties wire insulation  good machinability	Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket)  4,6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PVC  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  ± 5 %  Shore hardness wire insulation  45 ± 5 Shore D  Material properties wire insulation  good machinability	•	
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Material properties wire insulation good machinability	Material properties wire insulation good machinability		
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Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter