

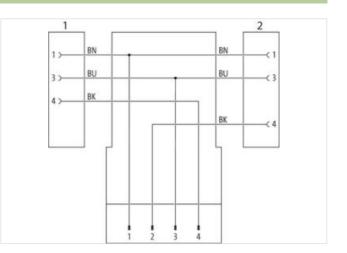
## Y-Distributor M8 male / M8 female 0° A-cod.

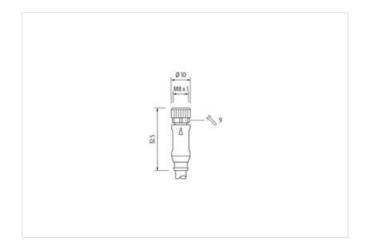
PVC 3x0.25 bk UL/CSA 0.3m

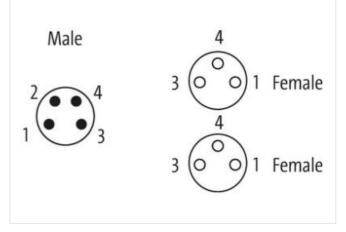
Y-connector M8 – M8, 4/3-pole Male straight – females straight Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



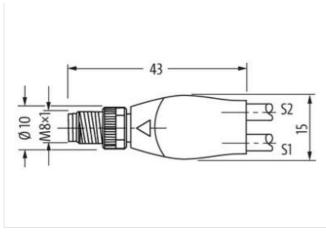






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18





Product may differ from Image



Cable length	0,3 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
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Thread	M8 x 1
Side 3	
Mounting method	inserted, screwed
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060313
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879680103
Packaging unit	1
Electrical data   Supply	

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Operating voltage AC (LL-listed)         30 V           Operating voltage AC (LL-listed)         30 V           Current operating point constant max.         4 A           Device protection (EN EC 00599)         PDS, PP7, PD8, PD64K           Additional condition protection disgree         inserted, scrowed           Public protection (EN EC 00599)         PDS, PP7, PD8, PD64K           Additional condition protection disgree         inserted, scrowed           Public protection (EC 00597)         PDS, PP7, PD8, PD64K           Additional condition protection disgree         inserted, scrowed           Public protection (EC 00597)         PD           Macrial group (EC 00541)         I           Locking minitial strate (EC 00541)         I           Macrial group (EC 00541)         I           Macrial group (EC 00541)         E	Operating voltage AC max.	50 V
Operating voltage AC (LL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Device protection [Electrical         Device protection (EN IC 6026.5)           Device protection (EN IC 6026.5)         IPD5, IPO7, IPD8, IPO6, IPO7, IPD8, IPO7, IPD7, I		
Operating per DC (UL-Isled)         9 V           Current operating per contact max.         4 A           Device optocection (ENEC 60528)         IP05, IP07, IP08, IP08           Carlon Logical Control (CNEC 60528)         IP05, IP07, IP08, IP08           Additional condition protection degree         Inserted. screwed           Pallation Degree         S           Rated surge voltage         1,5 kV           Mechanical data [Material data]         Control (CNEC 60528)           Cooling locking nut         nickel platid           Locking screw cooling         nickel platid           Locking nutri material         Dan (Schelp Palla)           Material properative min.         25 °C           Coroling temperature max.         85 °C           Additional condition tores         Material plane           Note on strain relief         Protect the connectore by suitable measures from mechanical lobad, s.g. by the usage of cable ites. <td></td> <td></td>		
Current operating per contact max.         4 A           Device oprodection (IN IC 60563)         IP65, IP67, IP68, IP60K           Additional condition potention degree         Inentents, screwed           Polution Degree         3           Reclaration and condition potention degree         1           Material group (IEC 6068-11)         1           Mechanical data         Incikel plated           Coating locking rul         nickel plated           Material gaster         FKM           Material paster         FKM           Material control         FKM           Conding temperature min.         -25		
Device protection   Electrical         IPES, IPES, IPES, IPES, IPESK           Additional condition protection digree         Inserted, screwed           Patition Degree         5           Rated surge voltage         1,5 kV           Matrial group (IEE 06064-1)         I           Protection (Electrical dital Material disa         Inserted, screwed           Conting locking nut         nickle plated           Conting locking nut         nickle plated           Locking screw conting         Inserted, screwed           Material plated         FXM           Material plated         Stress           Mechanical disa (Mounting disa         Pice           Locking mut material         Zine discressing           Material plated (Mounting disa         Pice           Mechanical disa (Mounting disa         Pice           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics (Climatic         Operating temperature max.           Operating temperature max.         85 °C           Additional condition temperature may.         85 °C           Additional condition temperature may.         85 °C           Contrometic for temperature may.         85 °C           Additional condition temperature may.         85 °C		
Degree of protection (EN IEC 60529)         IP65, IP67, IP68, IP66K           Additional condition protection degree         inserted, screwed           Additional condition protection degree         3           Rated surge voltage         3           Rated surge voltage         1, S V           Material group (IEC 6068-1)         1           Machanica dia (Material data)         model plated           Contany Gooding and         Pickle Data           Additional gasted         Pickle Data           Additional gasted         Pickle Data           Contany Gooding and         Pickle Data           Mounting method         insered, screwed, Shaking protection           Eviconomenial characteristics [ Climatie         Concernity           Operaling tomporation mail data         8s °C           Additional condition temperature ange         depending tomocalcos by suitable measures from mechanical loads, e.g. by the usage of cable free.           Additional condition refere         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable free.           Contany <td< td=""><td></td><td></td></td<>		
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Palaten Dagree         3           Rated surge vottage         1.5 kV           Material group (ECC 60664-1)         1           Mechanical data   Material data         Coating locking nut           Coating locking nut         nickel plated           Locking starter coating         nickel plated           Locking nut         Zin de-casting           Material group material screw         Brass           Mechanical data   Mounting data         Zin de-casting           Locking material screw         Brass           Mechanical data   Mounting data         Zin de-casting           Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Addional condition temperature range         depending on cable quality           Import installation nobe         Note on scient real           Note on scinn real         Poloce Ithe connectors by sui		
Rated surge voltage         1.5 kV           Material group, IEC 6066-1)         I           Rechanical data [Naterial data]         Incical plated           Coaling locking nut         nickel plated           Material gaskel         FKK           Material gaskel         FKK           Material gaskel         FKK           Material plated         EKK           Material gaskel         FKK           Material plated         Exclusion gaskel plated           Locking naterial screw         Brass           Mounting method         inserted, screwed, Shaking protection           Environment Loharacteristics [ Climatic         Coasting temperature min.           -26 °C         Coasting temperature max.           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ardangored by occessive bonding forces.           Coadornity         Coadornity           Product standard         DIN EN 61076-2-114 (M8)           Insterion Clobe         Dinsen temperatur		
Material group (EC 60641)         I           Mechnical data   Material data         Image: Control of Contro		
Mechanical data   Material data           Coating looking nut         nickel plated           Locking screw coating         nickel plated           Material gasket         FKM           Material pasket         FKM           Material pasket         FKM           Material pasket         BrAM           Locking material screw         Brass           Mounting method         inserted, screwed, Shaking protection           Environmetal characteristics   Climatic         Environmetal characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional contition temperature max.         85 °C           Additional contition temperature max.         85 °C           Note on stain relief         Protect the connectors by suitable measures from mechanical backs, e.g. by the usage of cable lies.           Note on stain relief         Protect the connectors by suitable measures from mechanical backs, e.g. by the usage of cable lies.           Cable dentification         610         Cable dentification           Cable dentification         610         Cable dentification           Cable dentification         1         Standing           Arrow back         779 of Certificate         URusk           Arrow back <td></td> <td>1,5 KV</td>		1,5 KV
Coating locking nut         nickel plated           Locking sorew coating         nickel plated           Material paskel         FMM           Material paskel         FMM           Material paskel         PUR           Locking nut material         Zinc die-casting           Locking nut material sorew         Brass           Mounting method         inserted, sorewed, Shaking protection           Environmental characteristics ( Cimatic         Operating temporature min.           Operating temporature min.         25 °C           Operating temporature max.         85 °C           Additional condition temporature max.         85 °C           Additional condition temporature max.         85 °C           Additional condition temporature max.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by acceasely bending forces.           Portext standard         DIN EN 61076-2:114 (M8)           Exale identification         610           Cable identification         610      <		
Locking screw coating         nickel plated           Material pasket         FKM           Material pasket         FKM           Locking nut material         Zinc die-casting           Locking mut material         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics [ Climatic         Operating temperature min.           Operating temperature min.         -25 °C           Operating temperature min.         -26 °C           Operating temperature min.         -26 °C           Operating temperature min.         -26 °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 machanical 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 accessive bonding forces.           Costormity         Insaltation (Cable           Product standard         DIN EN 61076-2-114 (M8)           Insaltation (Cable         Silo           Color         black           Type of		
Material gasket         FKM           Material housing         PUR           Locking untarkinal         Zinc dic exasting           Locking material screw         Brass           Mounting method         Iserted, screwed, Shaking protection           Environmental characteristics   Climatic         Climatic           Environmental characteristics   Climatic         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         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 radiu when laying cables, as the IP protection class can be ending forces.           Contermity         Installation (Cable           Cable dentification         610		
Material housing         PUR           Locking nut material         Zinc die casting           Locking nut material         Zinc die casting           Locking method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic		-
Locking nut material         Zinc die-casting           Locking material screw         Brass           Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Inserted, screwed, Shaking protection           Operating temperature min.         -25 °C           Operating temperature min.         -25 °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 strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Installation notes           Product standard         DIN EN 61076-2:114 (M8)           Installation   Gable         Cable dentification           Cable dentification         610           Cable weight         29.37 g/m           Material jacket         5V C           Stranding         3 wires twisted           Wrier strangement         brow, black, blue		
Locking material screw         Brass           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 max.         85 ° C           Additional condition temperature max.         85 ° C         Additional condition 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.           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.           Contormity         Product standard         DIN EN 61076-2-114 (M8)           Installation   Cable         Cable identification         610           Cable Type         1         Jacket Color         black           Type of Certificate         cURus         Amount stranding         1           Stranding         3 wires twisted         wire arrangement         brown, black, blue           Cable weigh         29.37 g/m         Madati Jacket         FVC           Shore hardneser jacket         85 ± 5 Shore A         Freedom fron ingredients (lacket)         Lad-free, cad		PUR
Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic		
Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature maye         depending on cable quality           Important installation notes         Environmental characteristics, e.g. by the usage of cable lies.           Note 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           Product standard         DIN EN 61076-2-114 (M8)           Installation   Cable         610           Cable frype         1           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weight         29.37 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jackyt)         Lead-fr	Locking material screw	Brass
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Attention: Observe the parmissible 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)         Enstallation I Cable           Cable identification         610         Cable identification         610           Cable Identification         610         Cable Identificate         CuFus           Amount stranding         1         Jacket Color         black           Type of Cartificate         cuFus         Cable Identificate         CuFus           Amount stranding         1         Stranding         Stranding         Stranding         Stranding           View arrangement         brown, black, blue         Cable weight         29.37 g/m         Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A         Freedom from ingredients (jacket)         <	Mechanical data   Mounting data	
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature maye         depending on cable quality           Important Installation notes         Mote on strain relief           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         Product standard           Din Ex 61076-2-114 (M8)         Entertion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Cable Identification         610           Cable Identification         610           Cable Identification         610           Cable Identification         610           Cable Identificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigh         29.37 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         Iead-free, cadmium-free, CFC-free, silicone-free	Mounting method	inserted, screwed, Shaking 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.           Contormity         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Cable standard         DIN EN 61076-2-114 (M8)           Installation   Cable         Cable force           Cable forpe         1           Jacket Color         black           Type of Cartificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigh         29.37 g/m           Material jacket         PVC           Strone hardmess jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         Led -free, cadmium-free, CFC-free, silicone-free           Outer diameter (gacket)         ± 5 %           Material jacket         PVC           Annourt wires         3	Environmental characteristics   Climatic	
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 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           Product standard         DIN EN 61076-2-114 (M8)           Installation   Cable         Cable Type           Cable Type         1           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29.37 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         4.5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material protect formation         1.25 mm           Outer diameter insulation         1.25 mm           Outer diam	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           Product standard         DIN EN 61076-2-114 (M8)           Installation   Cable         Cable identification           Cable identification         610           Cable Identificate         CURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29.3 rg /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 (lacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount strines         3           Outer diameter insulation         FVC           Shore hardness ince insulation         £ 5 %           Material wire insula	Operating temperature max.	85 °C
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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         610           Cable identification         610         Cable identification         610           Jacket Color         black         Currul         Currul         Currul           Type of Certificate         cURus         Currul         Cable identification         Gable identification         Gable identification           Gable Type         1         Jacket Color         black         Currul         Gable identificate         CURus           Amount stranding         1         Stranding         3 wires twisted         Wire arrangement         Drown, black, blue           Cable weigth         29.37 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)         4.5 run           Outer diameter (isolath)         ± 5 %         Material wire insulation         1.25 run         Outer diameter insulation         1.25 run           Outer diameter insulation         1.25 run	•	Distant the connectors by outspla measures from mechanical loads, e.g. by the years of eable tice
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Installation   CableCable identification610Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation± 5 %Material properties wire insulation± 5 %Shore hardness wire insulation± 6 %Material properties wire insulationi 4 5 ± 5 Shore DMaterial properties wire insulationi ead-free, cadmium-free, CFC-free, silicone-free		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation   CableCable identification610Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulation± 5 %Shore hardness wire insulation± 6 % <tr< td=""><td>Note on bending radius</td><td>Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be</td></tr<>	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Cable identification610Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationka ± 5 Shore DMaterial properties wire insulationka ± 5 Shore DMaterial properties wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius Conformity	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius Conformity Product standard	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         Cable weigth       29,37 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)       4,5 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PVC         Amount wires       3         Outer diameter tolerance core insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       4,5 the D         Material properties wire insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       45 ± 5 Shore D         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius Conformity Product standard Installation   Cable	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cZFC-free, silicone-free	Note on bending radius Conformity Product standard Installation   Cable Cable identification	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, CFC-free, Silicone-free	Note on bending radius Conformity Product standard Installation   Cable Cable identification Cable Type	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, CFC-free, silicone-free	Note on bending radius Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black
wire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Identification         Cable Type         Jacket Color         Type of Certificate	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus
Cable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmMaterial properties wire insulation45 ± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m
Outer-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC
Tolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A
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         Ingredient freeness wire insulation       lead-free, cFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free
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         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm
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         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm
Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       45 ± 5 Shore D         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC
Shore hardness wire insulation       45 ± 5 Shore D         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3
Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %
	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         45 ± 5 Shore D
Amount strands (wire) 14	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation         Shore hardness wire insulation         Material properties wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability
	Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Shore hardness wire insulation         Insterial properties wire insulation         Ingredient freeness wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-114 (M8)         610         1         black         cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability         lead-free, cadmium-free, CFC-free, silicone-free

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Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
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	4,5 A
Electrical resistance line constant wire	79 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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

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