

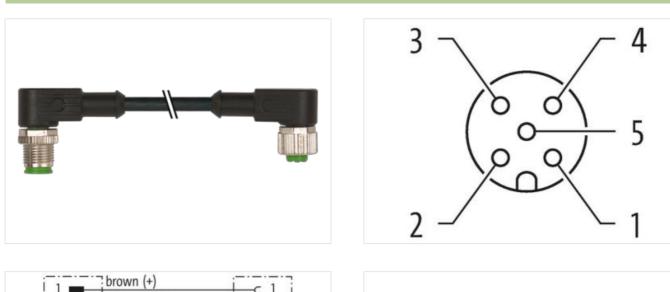
## M12 male 90° / M12 female 90° A-cod.

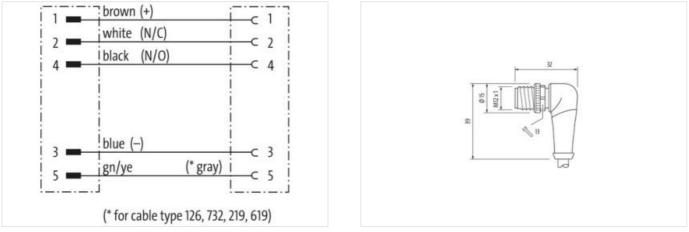
PUR 5x0.34 bk UL/CSA+drag ch. 40m

Male 90° – female 90° M12 – M12, 5-pole Art-No. 7005 - M12 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

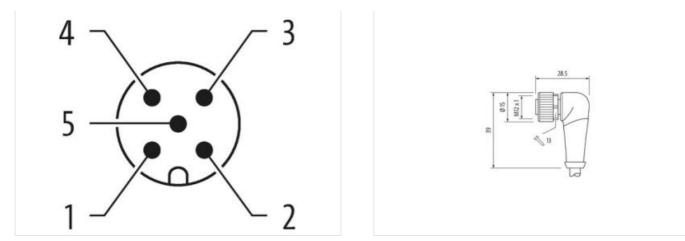
Illustration





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: 2024-05-22





Product may differ from Image



Cable length	40 m
Cable length	40 111
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879702768
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	125 V

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: 2024-05-22



Canding volume 20. (UL-lated)1.0Corrent overlap volume 20. (UL-lated)30 VCorrent overlap volume 20. (UL-lated)30 VCorrent overlap volume 20. (UL-lated)30 VCorrent overlap volume 20. (UL-lated)30 VVoluming solM12 x 1Device protection ElectricalAddition opticet on ogreeas 4.0Addition opticet on ogreeas 4.0Material group (EC 65664-1)1Ecchang lackingNickeldCoating of thingnickel platedCoating of thingnicke coasingMaterial group (EC 65664-1)Sine diversity for the coasingMaterial group (EC 65664-1)NickeldCoating of thingnicke coasingMaterial group (EC 65664-1)Sine diversity for the coasingMaterial group (EC 65664-1)NickeldCoating of thingnicke coasingMaterial for commental characterial (E) (Linuttion)Sine diversity for the coasingMaterial for commental characterial (E) (Linuttion)Sine diversity for the coasingPartial this diversity for the coasing for the coasingSine diversity for the coasingNoting the coasing for this diversity for the coasing for the coasing for the coasingSine diversity for the coasing for the coasing for the coasingPartial this diversity for the coasing for the coasing for the coasing for the coas	Operating voltage DC max	10E M
Operating voltage DC (UL-steer)         30 V           Current operating per contact max.         4 A           Installation (Connection         Mounting set           Mexing set         M12 x 1           Device protection (Electrical         Addional contaction protection depression)           Addional contaction protection depression         3           Mexing upon (PC 508-K1)         1           Mechanical data (Material taxa)         Cacating of thing           Cacating of thing         nickel plated           Loding material         Zinc dis-casing           Material stora, (PC 508-K1)         1           Mechanical data (Material storas connection)         Zinc dis-casing           Material storas connection         Zinc dis-casing           Material storas connection         Zinc dis-casing           Material storas connection         Zinc dis-casing           Material storas connection tax connection by storas the connection connection by storas the connection connection by storas the connecon by storas and connection by storas and connection by storas an	Operating voltage DC max.	125 V
Corrent operating per contact max         4 A           Installation   Connection         Installation   Connection           Marting at         M12 x 1           Device protection   Electrical         Installation protection degree           Additional condition protection degree         3           Material group (IEC 6068-1)         1           Mechanical data   Material data         Contage of thing           Casting of thing         Nckeled           Material score connection         Zinc de casting           Material score connection         25 °C           Operating temporature min.		
Installation (Connection)           Mounting pat         M12 x 1           Device protection (Electrical)         Installation (Source Margine)           Addional candidus (Source Margine)         instanted, screwed           Pallution Degree         3           Material group (EC 6064-1)         1           Instantial datal (Material datal         Cashing (Source Consection)           Cashing (Source Consection)         Nokeed           Cashing (Source Consection)         Too disc assing           Material screw connection         Zon disc assing           Material screw connection         Zon disc assing           Mounting method         instantid, screwed, Shaking protocion           Environmental characteristics (Climatic         Consection)           Operating tromporature min.         25 °C           Operating tromporature min.         25 °C           Operating tromporature min.         26 °C           Operating tromporature min.         26 °C           Not on bending radius         Attention: Concertor by suitable measures from machanical loads, e.g. by the usage of cable leas.           Not on bending radius         Attention: Concertor by suitable measures from machanical loads, e.g. by the usage of cable leas.           Not on bending radius         Attention: Concorce toperminishibo bunding radiu whon laying cables, as the IP		
Muniting set         M12 x 1           Device protection [Electrical         Inserted, screwed           Addinant condition protection degree         inserted, screwed           Pollution Degree         3           Materal group (EC 60064-1)         i           Devinance data (Material data)         Inclusion Degree           Materal group (EC 60064-1)         i           Devinance data (Material data)         Inclusion data (Material data)           Devinance data (Material data)         Zinc de casting           Material screw connection         Zinc de casting           Metanical data (Maturian data)         Zinc de casting           Devinance data (Maturian data)         Zinc de casting           Metanical data (Maturian data)         Zinc de casting           Devinance data (Maturian data)         Zinc de casting           Metanical condition framperature max.         26 5° C           Operating (Imperature max.         26 5° C           Operating (Imperature max.         26 5° C           Material condition networeature array depender by suitable mesures from mechanical loads, e.g. by the usge of cable Material condition networeature array depender by suitable mesures from mechanical loads, e.g. by the usge of cable Material condition networeature array depender by evoletion datas, e.g. by the usge of cable Material condition networeature array depender by evoletion datas e.g. by the usge of cable M		4 A
Device protection   Electrical           Addition condition protection degree         inserted, screwed           Addition Darge         3           Material group (EC 60564-1)         1           Incrimical data   Material data         Conting looking           Conting looking         Nickleded           Conting looking         Nickleded           Conting looking         Nickleded           Conting looking         Zine die-casting           Material screw connection         Zine die-casting           Mounting mathod         inserted, screwad, Shaking protection           Evoroamental characteristics   Climatic         Sine die screwad, Shaking protection           Additional condition temperature ranz, die 5 °C         Operating temperature max, die 5 °C           Additional condition temperature ranz, die 5 °C         Sine die screwad, Breuteristics Breuterist	Installation   Connection	
Additional condition protection degree         isented, screwed           Polution Degree         3           Maternal group (EC 60664-1)         I           Coating footing         Nickled           Material screw connection         Zine die casting           Material screw connection         Zine die casting           Material screw connection         Sine die casting           Operating memperature max.         85 °C           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Additional condition temperature range         Geperating temperature max.           Note on strain <i>relief</i> Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.           Note on strain <i>relief</i> Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.           Note on strain <i>relief</i> Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.           Note on strain <i>relief</i> Protect the connectors by suitable measures from mechanicalo	Mounting set	M12 x 1
Pollution Degree         3           Material group (EG 80664-1)         1           Mechanical data [Material data         Costing locking           Costing locking         Nickaled           Costing locking         Nickaled           Costing locking         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mouning method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Concentration installation notes           Operating temperature max.         85 °C           Addition notes         Heperature screwed, Shaking protection           Important installation notes         Heperature screwed, Shaking protection screwed, Screwed, Shaking protection           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable feis.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable feis.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable feis.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable feis.           Note on strain relief         Protect	Device protection   Electrical	
Material group (EC 60864-1)         1           Mechanical data (Material data         Coating lonking         Nickeled           Coating lonking         Nickeled         Coating lonking         Nickeled           Coating lonking         Nickeled         Coating lonking         Nickeled           Material serve connection         Zinc die-casing         Material serve were connection         Coating lonking material         Zinc die-casing           Material serve connection         Zinc die-casing         Material serve were connection         Coating lonking material         Coating lonking lonking material         Coating lonking lonking lonking material         Coating lonking lonking lonking lonking lonking material         Coating lonking	Additional condition protection degree	inserted, screwed
Mechanical data   Material data           Coating of fitting         nickle plated           Coating of fitting         nickle plated           Locking material         Zine die-casting           Material serve connection         Zine die-casting           Mechanical data   Mounting data         Inc die-casting           Mounting method         inserted, serveved, Shaking protection           Environmental characteristics   Climatic         Compariting temperature min.           Operating temperature min.         -25 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Ser °C           Nole on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lise.           Nole on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lise.           Installation Cable         Installation Cable         Installation Cable           Wire arrangement         brown, black, blue, white, green -yellow         Cable Type           Cable Type         3         Jacket Caber         Jacket Caber           Type of Cartificate         cuFraing         Si wes around Care filler twisted           Filler         yee         Si wes around Care filler twisted	Pollution Degree	3
Coating locking         Nickeled           Coating of fitting         inckel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protoction           Environmental obhracteristics   Climatic         Inserted, screwed, Shaking protoction           Operating temperature min.         -25 °C           Operating temperature max.         65 °C           Additional condition is meprature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.           Note on strain rellef         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.           Installation   Cable         Internation: Coserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Internation: Coserve the permissible bending forces.           Installation   Cable         Internation: Coserve the permissible bending forces.           Installation   Coserve the permissible bending forces.         Internation: Coserve the permissible bending forces.           Installation   Coserve the permissible bending forces.         Internating         Internation: Coserve the permissible	Material group (IEC 60664-1)	I
Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material server connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protoction           Environmental characteristics   Gilmatic         Coperating imperature max.           Operating imperature max.         85 °C           Addition temporature max.         85 °C           Addition to temporature max.         85 °C           Addition totion temporature max.         85 °C           Addition totion         Footext the connectors by suitable measures from mechanical loads, e.g. by the usage of cable letes.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable letes.           Installation (Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces.           Installation (Cable         Cable dentification         635           Cable dentification         635           Cable	Mechanical data   Material data	
Locking material         Zinc die-casting           Material server connection         Zinc die-casting           Mechanical data   Mounting data         Inserted. screwed. Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notos         Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.           Installation   Cable         Attention: Observe the permissible bonding radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Environment         Drown, black, blue, white, green-yellow           Cable identification         635         Cable identification         635           Cable Identification         635         Cable Identification         Cable identification           Stranding         5 wires around Core filler twisted         Filler         yee           Filler         yee         Yee         Shore hardness jacket         PUR           Shore hardness jacket         PUR	Coating locking	Nickeled
Material screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted. screwed. Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature 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 strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation Cable         additional conditional conditis and condita conditional conditis conditional condita condition	Coating of fitting	nickel plated
Mechanical data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Construction         Construction           Operating temperature main.         -25 °C         Construction         <	Locking material	Zinc die-casting
Mounting method         inserted, sorewed. Shaking protection           Environmental characteristics   Climatic         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.           Installation   Cable         Meteritor: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Write arrangement           wire arrangement         brown, black, blue, while, green-yellow           Cable (Aprilication         635           Cable (Aprilication         635           Cable (Aprilication         635           Cable (Aprilication         G35           Cable (Aprilication         G45           Minut stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weight         41.8 g/m           Material jacket <td< td=""><td>Material screw connection</td><td>Zinc die-casting</td></td<>	Material screw connection	Zinc die-casting
Mounting method         inserted, screwed. Shaking protection           Environmental characteristics   Climatic         25 °C           Operating temporature 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.           Installation   Cable         Meteritor: Observe the permissible bending radiu when laying cables, as the IP protection dass can be endangered by excessive bending forces.           Installation   Cable         Write arrangement           wire arrangement         brown, black, blue, while, green-yellow           Cable (Amittication         635           Cable Type         3           Jacket Color         black           Type of Cartificate         CURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, while, green-yellow           Cable weight         41.8 g/m           Material jacket         PUR           Shore hardness jacket         90 5 5 Shor	Mechanical data   Mounting data	
Environmental characteristics   Climatic           Operating 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.         B5 °C           Additional condition temperature max.         B5 °C           Additional condition temperature max.         B5 °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 and angened by excessive bending forces.           Installation   Cable         wire argement           brown, black, blue, white, green-yellow         Cable foron           Cable dontification         G35           Cable foron         black           Type of Cartificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire argement         brown, black, blue, white, green-yellow           Cable weight         41.8 g/m           Material packet         90 ± 5 Shore A		inserted, screwed, Shaking protection
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         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 stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation fable         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation f Cable         wrise arrangement           wire arrangement         brown, black, blue, white, green-yellow           Cable Type         3           Jacket Color         black           Type of Certificate         cuRus           Amount stranding         1           Stranding         5 wrise around Core filler twisted           Filler         yes           Wrie arrangement         brown, black, blue, white, green-yellow           Cable weigth         41,8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         1.8 mm	Ĵ	
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 strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         User arrangement           wire arrangement         brown, black, blue, white, green-yellow           Cable identification         635           Cable identification         635           Cable Identification         635           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weight         41.8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom	· ·	
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.           Installation   Cable         Attention: Observe the permissible bending forces.           Installation   Cable         write arrangement         brown, black, blue, white, green-yellow           Cable fuppe         3         Jacket Color         black           Type of Certificate         c.URus         Amount stranding         1           Stranding         5 writes around Core filler twisted         Filler         yes           Filler         yes         yes         Gable type         Gable type <t< td=""><td></td><td></td></t<>		
Important Installation notes           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation [ Cable <ul> <li>wire arrangement</li> <li>brown, black, blue, white, green-yellow</li> <li>Cable identification</li> <li>G35</li> <li>Cable Type</li> <li>3</li> <li>Jacket Color</li> <li>black</li> <li>Type of Certificate</li> <li>cURus</li> <li>Amount stranding</li> <li>1</li> <li>Stranding</li> <li>5 wires around Core filler twisted</li> <li>Filler</li> <li>yes</li> <li>wire arrangement</li> <li>brown, black, blue, white, green-yellow</li> <li>Cable weigh</li> <li>41,8 g/m</li> <li>Material jacket</li> <li>PUR</li> <li>Shore hardness jacket</li> <li>90 ± 5 Shore A</li> <li>Freedom from ingredients (jacket)</li> <li>lead-free, cadmium-free, CFC-free, halogen-free, silicone-free</li> <li>Outer diameter (jacket)</li> <li>4.8 mm</li> <li>Tolerance outer diameter (jacket)</li> <li>4.8 mm</li> <li>Tolerance outer diameter (sheath)</li> <li>5 %</li> <li>Material wire insulation</li> <li>7.8 % Since D</li> <li>Nount wires</li> <li>5</li> <li>Shore hardness wire insulation</li> <li>7.9 ± 5 Shore D</li> <li>Ingredient freeness wire insulation</li></ul>		
Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Write arrangement         brown, black, blue, white, green-yellow           Cable identification         635         635           Cable Identification         635         636           Cable Identification         635         636           Cable Identification         635         636           Cable Identification         635         636           Anount stranding         1         5           Filler         cuPs         9           Wrie arrangement         brown, black, blue, white, green-yellow         6able weigh           Cable weigh         41.8 g/m         41.8 g/m           Material jacket         PUR         5           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         4.8 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         5	· •	depending on cable quality
Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable           wrise arrangement         brown, black, blue, white, green-yellow           Cable identification         635           Cable identification         635           Cable of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weight         41.8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4.8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount strands (wire)         42 Shore D           Ingredient freeness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Material wire insulation         1.25 mm           Outer diameter insulation         ± 5 %	Important installation notes	
Note on bending radius       endangered by excessive bending forces.         Installation   Cable         wire arrangement       brown, black, blue, white, green-yellow         Cable type       3         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       5 wires around Core filler twisted         Filler       yes         wire arrangement       brown, black, blue, white, green-yellow         Cable type       3         Standing       5 wires around Core filler twisted         Filler       yes         wire arrangement       brown, black, blue, white, green-yellow         Cable weigth       41,8 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       5         Outer diameter insulation       1,25 mm         Outer diameter insulation       70 ± 5 Shore D         Ingredient treeness wire insulation       70 ± 5 Shore D         Ingredient treeness wir	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
wire arrangementbrown, black, blue, white, green-yellowCable identification635Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)4.8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1.25 mmOuter diameter insulation70 ± 5 % Shore DIngredient stranding1.25 mmOuter diameter insulation70 ± 5 % reg.Chore hardness wire insulation10 ± 5 % reg.Chore hardness wire insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1.25 mmOuter diameter insulation1.25 mmDuter diameter insulation1.25 mmDuter diameter insulation1.24 muIngredient freeness wire insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmDiameter of single wires0.1 mmConductor wires0.1 mm<	Note on bending radius	
Cable identification635Gable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)tead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient stringles wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter folerance core insulation± 5 %Shore hardness wire insulationI ad-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crossection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	Installation   Ost Is	
Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient ferees, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter tolerance core insulation1,25 mmOuter diameter insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulation42Diameter of single wires0,1 mmConductor crossection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	Installation   Cable	
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth41.8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4.8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulation42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare		brown, black, blue, white, green-yellow
Type of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter nounce insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulation12 Shore DIngredient freeness wire insulation42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement	
Amount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement Cable identification	635
Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulation42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement Cable identification Cable Type	635 3
Filler       yes         wire arrangement       brown, black, blue, white, green-yellow         Cable weigth       41,8 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       4,8 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       5         Outer diameter tolerance core insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free         Amount strands (wire)       42         Diameter of single wires       0,1 mm         Conductor crosssection (wire)       0,34 mm²         Material conductor wire       Stranded copper wire, bare	wire arrangement Cable identification Cable Type Jacket Color	635 3 black
wire arrangementbrown, black, blue, white, green-yellowCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement Cable identification Cable Type Jacket Color Type of Certificate	635 3 black cURus
Cable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	635 3 black cURus 1
Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	635 3 black cURus 1 5 wires around Core filler twisted
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler	635 3 black cURus 1 5 wires around Core filler twisted yes
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow
Outer-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR
Material wire insulationPPAmount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A
Amount wires5Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %
Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Filler         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %         PP
Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Filler         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	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %         PP         5
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Filler         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	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %         PP         5         1,25 mm
Amount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bare	wire arrangement         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Filler         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	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %         PP         5         1,25 mm         ± 5 %
Diameter of single wires     0,1 mm       Conductor crosssection (wire)     0,34 mm <sup>2</sup> Material conductor wire     Stranded copper wire, bare	wire arrangement         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Filler         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	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %         PP         5         1,25 mm         ± 5 %         70 ± 5 Shore D
Conductor crosssection (wire)     0,34 mm <sup>2</sup> Material conductor wire     Stranded copper wire, bare	wire arrangement         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         Filler         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         Outer diameter tolerance core insulation         Ingredient freeness wire insulation	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %         PP         5         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material conductor wire Stranded copper wire, bare	wire arrangementCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulationIngredient freeness wire insulationAmount strands (wire)	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %         PP         5         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         42
	wire arrangementCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulationIngredient freeness wire insulationIngredient freeness wire insulationAmount strands (wire)Diameter of single wires	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %         PP         5         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         42         0,1 mm
Conductor type (wire) strand class 6	wire arrangementCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter insulationOuter diameter tolerance core insulationShore hardness wire insulationIngredient freeness wire insulationIngredient freeness wire insulationAmount strands (wire)Diameter of single wiresConductor crosssection (wire)	635         3         black         cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow         41,8 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,8 mm         ± 5 %         PP         5         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         42         0,1 mm         0,34 mm <sup>2</sup>
	wire arrangementCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulationIngredient freeness wire insulationIngredient freeness wire insulationAmount strands (wire)Diameter of single wiresConductor crosssection (wire)Material conductor wire	635           3           black           cURus           1           5 wires around Core filler twisted           yes           brown, black, blue, white, green-yellow           41,8 g/m           PUR           90 ± 5 Shore A           lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           4,8 mm           ± 5 %           PP           5           1,25 mm           ± 5 %           70 ± 5 Shore D           lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           42           0,1 mm           0,34 mm <sup>2</sup> Stranded copper wire, bare

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: 2024-05-22



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	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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: 2024-05-22