

M8 male 0° / M8 female 0° A-cod.

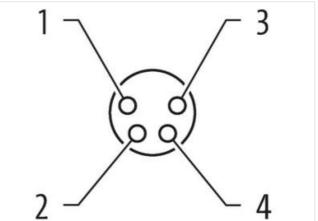
PVC 4x0.25 ye UL/CSA 5m

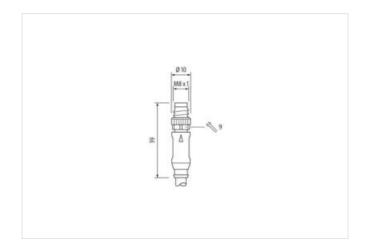
Male straight – female straight M8 – M8, 4-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable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

## Link to Product

Illustration



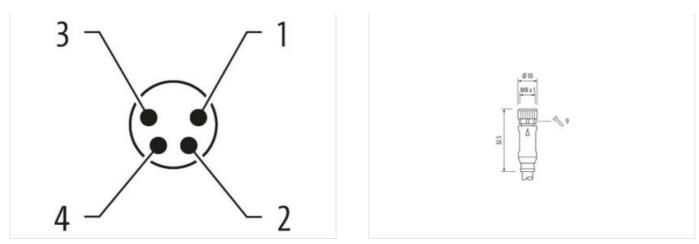






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-02





Product may differ from Image



Cable length	5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	4
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879336246
Packaging unit	1
Electrical data   Supply	

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Operating voltage AC max.60 VOperating voltage AC PUL Isleed)30 VOperating voltage AC PUL Isleed)30 VOperating voltage AC PUL Isleed)30 VDeprating voltage AC PUL Isleed)30 VDeprating por contact max.4 ADigeration CDDnoDevice protection I ElectricalVDevice protection I ElectricalVDevice protection I ElectricalNoDevice protection I ElectricalServeredPollation Degree3Radional condition protection degree3Radional condition protection degree3Radional condition protection degree3Radional condition protection degree1Material protection degree3Radional condition protection degree1Material protection degree1Rechanical data I MaterialNockedMaterial protection degreeNockedMaterial protection dataPURLocking protection data20 no discatege condition protectionEnvironmental characteristics I ClimaticVDeviating temporature min.25 noOperating temporature max.85 noAddional condition notesVProtect te conduct not by subtolio measures from mechanical loads, e.g. by the usage of cable size.Addional condition notesVProtect tardedDIV No 1076-2-114 (MS)Important installion notesVProtect tarded1Important installion in condition protection in the subtodImportant ins	0	
Operating voltage AC (LL-idend)     30 V       Operating voltage BC (UL-idend)     30 V       Contrart operating voltage BC (UL-idend)     30 V       Diagnostice     Status indication LED     no       Device protection [Electrical     Person operating voltage AC     A       Additional candition protection degree     inserted, screwed     Additional candition protection degree     inserted, screwed       Parliad Status indication (ED SoSt)     1     No     No       Metrial group (EC SoSt-1)     1     No     No       Metrial group (EC SoSt-1)     1     No     No       Metrial group (EC SoSt-1)     1     No     No       Metrial provide (EC SoSt-1)     1     No     No       Metrial provide (EC SoSt-1)     1     No     No       Metrial provide (EC SoSt-1)     1     No     No       Metrial gravide (EC SoSt-1)     1     No     No       Metrial provide (EC SoSt-1)     1     No     No       Metrial provide (EC SoSt-1)     2     No     No       Mouting metrial nelicitin motion     Sort No <td< td=""><td></td><td></td></td<>		
Operating vortage DC (UL-island)     30 V       Current operating per contact max.     4 A       Diagnostics     Balance Status       Status infocation LED     no       Device protoction (EN IEC 60529)     1P65, IP67, IP68, IP66K       Additional condition protection degree     inserted, screwed       Publish Degree     3       Roted surge voltage     1,5 kV       Material proje (EC 6064-1)     1       Machanical data     Cassing looking       Material posing     Nickeled       Material posing     Nickeled       Material posing     Nickeled       Material posing     inserted, screwed, Shaking protection       Environmental characteristics (Climatic     Constraint generative max.       Operating temperature max.     45 °C       Additional concetes     Heriotic the comuclors by suitable measures from mechanical loads. o.g. by the usage of cable likes.       Note on brending radius     Attention: Coserve the promisible brending radii when hying cables, as in b lP protocion class can b ending radiu </td <td></td> <td></td>		
Ourrent operating per contact max.     4 A       Diagnostics        Status indication LED     no       Degree of protection   Electrical        Degree of protection (EN IEC 00528)     IP65, IP67, IP68, IP60K       Additional condition protection degree     1       Material group (IEC 0064-1)     I       Material quarkation     FRM       Material quarkation     PUR       Costing notacing     PUR       Costing notacing     PUR       Costing notacing     PUR       Costing notacing     Portacing temperature nax.       BS 7C     Costing notacing       Additional condition temperature nax.     BS 7C       Additind transition temperature nax.     BS		
Disponetics     Service protection (FM EC 6038)       Device protection (FM EC 6038)     IP65, IP67, IP68, IP66K       Additional condition protection degree     inserted, screwed       Disponet protection degree     inserted, screwed       Rated surge voltage     isserted, screwed       Rated surge voltage     isserted, screwed       Material group (IEC 6068-1)     i       Coding locking     Nickoled       Material group (IEC 6068-1)     i       Coding locking     Nickoled       Material gasist     FK4       Material gasist     FK4       Morting material     Zin c die casting       Operating temperature max.     Zin C die connections by suitable measures from mechanical lotade, a, a, by the usage of cable files.       Note on strin relef     Protect the connectors by suitable measures from mechanical lotade, a, a, by the usage of cable files.       Note on strin relef     Noren, black, blau, while       Catomaty     Sintaffanco		
Basics indication LED     no       Device protection [Electrics]     IPS6, IPS7, IPS8, IPS6K       Degree of protection (EN IEC 60252)     IPS6, IPS7, IPS8, IPS6K       Additional condition protection degree     3       Barel surge voltage of the second o		4 A
Device protection   Electrical       Degree of protection (EN EC 00529)     IP65, IP67, IP68, IP60K       Additional condition protection degree     3       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (EC 6068-1)     I       Material protection (EN EC 6068-1)     Nickeled       Material group (EC 6068-1)     Zino dio casiling       Mechanical data (Mouting data     Vickeled       Material group (EC 6068-1)     Zino dio casiling       Mechanical data (Mouting data     Vickeled       Material group (EC 6068-1)     Zino dio casiling protection       Depretating temperature min.     25 °C       Operating temperature min.     25 °C       Operating temperature min.     25 °C       Operating temperature max     88 °C       Additional condition temperature max     88 °C       Additional condition temperature max     88 °C       Note on stain reliaf <td< td=""><td>Diagnostics</td><td></td></td<>	Diagnostics	
Degree of protection (EN IEC 60529)     IP85, IP67, IP68, IP66K       Additional condition protection degree     inserted, screwed       Additional condition protection degree     inserted, screwed       Rated aurge voltage     1, SkV       Material goup (IEC 60664-1)     I       Mechanical datal Material datal     Exclamation data       Conting locking     PUR       Material gasket     FKM       Material gasket     Conting conting       Wethanical datal Material datal     Zinc die casting       Worting material     Zinc die casting       Mounting mathod     Inserted, screwed, Shaking protection       Containg loching temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition comperature max.     85 °C       Addition conditication colless, sub pres	Status indication LED	no
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1.5 kV       Material group (EC 60664-1)     1       Mechanical datal Material data     Conding locking       Coating locking     Nickaled       Material housing     PUR       Locking material     Zne die-casting       Mechanical datal Mounting data     Codie-casting       Mechanical datal Mounting data     Inserted, screwed. Shaking protection       Environmental characteristics [ Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition noteporature 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 lies.       Additional Codie     Attentrice: Clearer benefity for a strain relief       Protect strain relief     Protect strain relief       Devise strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Attentrice:     Attentre	Device protection   Electrical	
Pallution Degree     3       Rated surge voltage     1.5 kV       Material group (E 60684-1)     1       Mechanical data   Material data     Coating (Dek 60684-1)       Coating (Doking)     Nickeled       Material paskt     FVM       Paskt Strange     Gasking protection       Departing temperature max.     85*C       Additional condition temperature range     depending on cable quality       Inpartin tratellation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Reted surge voltage     1,5 kV       Material group (IEC 60564-1)     1       Mechanical data [Material data     Coating locking     Nickeled       Cating locking     Nickeled     Material spaket     FKM       Material spaket     FKM     Material spaket     FKM       Cocking method     Inserted, screwed, Shaking protection     Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Climatic     25 °C     Operating temperature min.     25 °C       Operating temperature max.     65 °C     Additional condition temperature max.     65 °C       Additional condition temperature max.     65 °C     Additional condition temperature max.     65 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangeed by excessive bending forces.     Contomity       Product standard     DIN EN 61076 2.114 (M8)     Installation roles     Installation roles       View arrangement     brown, black, blue, while     Cable identification     Gliw View Swisted       Stranding     1     Strandi	Additional condition protection degree	inserted, screwed
Material group (EC 6064-1)     I       Mechanical data   Material data     Kokaled       Coating locking     Nickaled       Material gasket     FKM       Material gasket     FKM       Mechanical data   Mounting data     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature main.     -25 °C       Operating temperature max.     B5 °C       Additional condition temperature may     depending on cable quality       Important installation notes     Note on stain relief       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain relief     DIN EN 61076-2-114 (M8)       Installation Cable     Wire arrangement       brown, black, blue, white     Cable dentification       Cable dentification     011       Cable dentification     011       Cable dentification     1       Stranding     4 vires twisted       wire arrangement     brown, black, blue, white       Cable dentification<	Pollution Degree	3
Mechanical data   Material data       Coating locking     Nickeled       Material pasket     FKM       Material pasket     FKM       Material pasket     Zinc die-casting       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     isorted, screwed, Shaking protection       Environmental characteristics   Climatic     Commonting temperature max.       Operating temperature max.     85 °C       Additional condition tomperature max.     85 °C       Note on strain rollel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Note on strain rollel     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be envingered by servesible bending radii when laying cables, as the IP protection class can be envingered by servesible bending radii when laying cables, as the IP protection class can be envingered by servesible bending radii when laying cables, as the IP protection class can be envingered by servesible bending radii when laying cables, as the IP protection class can be envingered by servesible bending radii when laying cables, as the IP protecti	Rated surge voltage	1,5 kV
Coating locking     Nickeled       Material pasket     FKM       Material housing     PUR       Locking material     Zine die-casting       Meterial housing     Inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Coperating temperature min.       Qperating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation notes     Note on stain relief       Note on stain relief     Protect the connectors by suitable measures from mechanical backs, e.g. by the usage of cable ites.       Conformity     Important installation Cobserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Important Distallation Cable       Product standard     DIN EN 61076-2:114 (MS)       Installation [Cable     DIN EN 61076-2:114 (MS)       Installation [Cable Generation]     DIN EN 61076-2:114 (MS) </td <td>Material group (IEC 60664-1)</td> <td>I</td>	Material group (IEC 60664-1)	I
Material gasket     FKM       Material housing     PUR       Locking material     Zinc de-casting       Mechnical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     85 °C       Additional condition temperature may.     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.       Contormity     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable or 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     Verony, black, blue, white       Cable Type     1       Jacket Color     yellow       Type of certificate     CURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black	Mechanical data   Material data	
Material gasket     FKM       Material housing     PUR       Locking material     Zinc de-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contormity     Product standard     DIN EN 61076-2:114 (M8)       Installation   Cable     We excessive bending tracil when laying cables, as the IP protection class can be endangered by excessive bending torces.       Cable rope     1       Jacket Color     11       Cable forp     1       Jacket Color     yellow       Type of certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable ropei     5 rds rdm	Coating locking	Nickeled
Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature max.     85 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable equality       Important installation notes     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.       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.       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     DIN EN 61076 2-114 (M8)       Installion (Cable     DIN EN 61076 2-114 (M8)       Installion (Cable     DIN       Wrier arrangement     brown, black, blue, white       Cable (Arritication     011       Cable Type     Clifticate       Color     yellow<		
Locking material     Zinc die-casting       Mouting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     -25 ° C       Operating temperature min.     68 ° C     Additional condition temperature may.     68 ° C       Additional condition temperature may.     68 ° C     Additional condition temperature may.     68 ° C       Additional condition temperature may.     68 ° C     Additional condition temperature may.     68 ° C       Additional condition temperature may.     68 ° C     Additional condition temperature may.     68 ° C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Installation (Cable     Installation (Cable     Installation (Cable       wire arrangement     brown, black, blue, white     Installation (Cable     Installation (Cable (Color)     yellow       Type of Certificate     cURus     Amount stranding     1     Stranding     Installation (Cable (Color)     Yellow       Type of Certificate     cURus     Col		
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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     uriny, black, blue, white       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable Type     1       Gater type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding </td <td></td> <td>Zinc die-casting</td>		Zinc die-casting
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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     uriny, black, blue, white       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable Type     1       Gater type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding </td <td>Mechanical data   Mounting data</td> <td></td>	Mechanical data   Mounting data	
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.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Universe and the standard       vire arrangement     brown, black, blue, white       Cable Type     1       Jacket Color     yellow       Type of Cartificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable Type     1       Jacket Color     yellow       Type of Cartificate     cURus       Afterial jacket     Brown, black, blue, white       Cable t		inserted, screwed. Shaking protection
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     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     write arrangement     brown, black, blue, white       Cable identification     011     Cable identification       Cable identification     011     Cable identification       Type of Certificate     cURus     Amount stranding       Amount stranding     1     Stranding     4 wires twisted       wire arrangement     brown, black, blue, white     Cable weight     34,76 g/m       Material jacket     PVC     Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     4,8 mm     Tolerance cutre diameter (sheath)     4 5 %	-	
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.       Conformity     Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement     brown, black, blue, white       Cable for pp     1     Jacket Color     yellow       Type of Certificate     cURus     Amount stranding     1       Stranding     4 wires twisted     wire arrangement     brown, black, blue, white       Cable weigth     34,76 g/m     Material jacket     PVC       Stranding     1     Stranding     Stranding     Stranding       Material jacket     PVC     Stranding     Stranding     Stranding       Gable weigth     34,76 g/m     Stars Shore A     Stre Shore A       Freedom f		25 %
Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement     brown, black, blue, white       Cable Type     1     cable Type       Jacket Color     yellow     yellow       Type of Certificate     cURus     cURus       Amount stranding     1     strate twisted       wrire arrangement     brown, black, blue, white     cable type       Cable Type     1     strate twisted     strate       Amount stranding     1     strate     strate       Attential jacket     PVC     strate     strate       Cable weight     34,76 g/m     strate     strate       Material jacket     PVC     Store A     strate     strate       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silic		
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     wire arrangement       brown, black, blue, white     Cable Identification       Cable Identification     011       Cable View     Yelow       Type of Certificate     cJRus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     34,76 g/m       Material jacket     PVC       Shore hardness jacket		
Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement     brown, black, blue, white       Cable identification     011     Cable identification       Cable Identification     011     Cable identification       Type Of Certificate     cURus     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       View arrangement     brown, black, blue, white     Cable identification     011       Cable identification     011     Cable identification     Cable identification       Type Of Certificate     cURus     Attention: Stranding     1       Stranding     4 wires twisted     Wire arrangement     brown, black, blue, white       Cable weigth     34.76 g/m     Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A     Freedom from ingredients (jacket)     Iead-free, cadmium-free, CFC-free, silicone-free<		
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     Installation     DIN EN 61076-2:114 (M8)       Installation   Cable     wire arrangement     brown, black, blue, white       Cable identification     011     Cable identification     011       Cable Type     1     Jacket Color     yellow       Type of Certificate     cURus     Current Stranding     1       Stranding     4 wires twisted     wite     Cable wite       Material jacket     PVC     Store hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %     Material avire insulation     PVC       Amount wires     4     Outer diameter insulation     PVC       Amount wires     4     Cerces     Cerces     Cerces       Store hardness wire insulation     PVC     Store hardness     A       Outer diameter tolerance core insulation     1.25 mm     Store hardness     A <td>Important installation notes</td> <td></td>	Important installation notes	
Note on behalting radius   endangered by excessive bending forces.     Conformity     Product standard   DIN EN 61076-2-114 (M8)     Installation   Cable     wire arrangement   brown, black, blue, white     Cable fortigication   011     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weigth   34,76 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)   4,8 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1,25 mm     Outer diameter insulation   4.5 %     Shore hardness wire insulation   45 ± 5 Shore D	Note on strain relief	
Product standardDIN EN 61076-2-114 (M8)Installation   Cablewire arrangementbrown, black, blue, whiteCable identification011Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material vire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Note on bending radius	
Installation   Cablewire arrangementbrown, black, blue, whiteCable identification011Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCAmount wires4Outer diameter (sheath)± 5 %Material to prove1,25 mmOuter diameter to lerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Conformity	
wire arrangementbrown, black, blue, whiteCable identification011Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation45 ± 5 Shore D	Product standard	DIN EN 61076-2-114 (M8)
Cable identification011Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation45 ± 5 Shore D	Installation   Cable	
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Type of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable Type	1
Amount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Jacket Color	yellow
Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Type of Certificate	cURus
wire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Amount stranding	1
Cable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Stranding	4 wires twisted
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	wire arrangement	brown, black, blue, white
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable weigth	34,76 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Material jacket	PVC
Outer-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   45 ± 5 Shore D	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   45 ± 5 Shore D	Outer-diameter (jacket)	4,8 mm
Amount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 45 ± 5 Shore D	Amount wires	4
Shore hardness wire insulation 45 ± 5 Shore D	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	±5%
Material properties wire insulation good machinability	Shore hardness wire insulation	45 ± 5 Shore D
	Material properties wire insulation	good machinability

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
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	3,6 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
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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