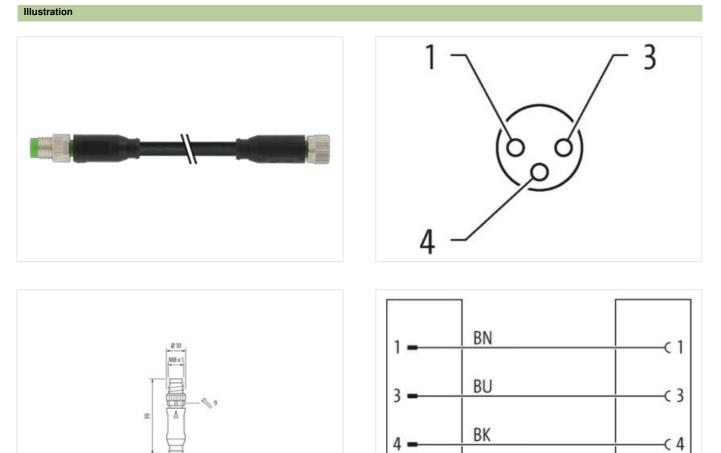


## M8 male 0° / M8 female 0° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 0.15m

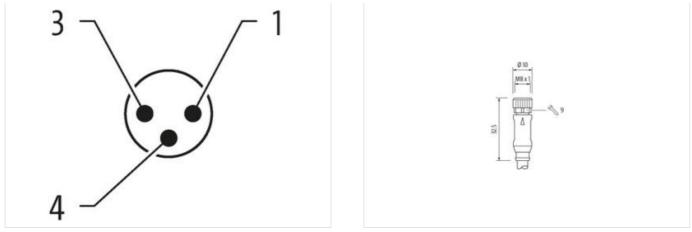
Male straight – female straight M8 – M8, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



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Product may differ from Image



Cable length0,15 mSide 1Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyNo. of poles3Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8 x 1Material contactCopper alloyNo. of poles3Side 2Tightening torqueTightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1Material contactCopper alloyNo. of poles3	_
Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 × 1suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyNo. of poles3Width across flatsSW9Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 × 1Material contactCopper alloy	
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ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyNo. of poles3Width across flatsSW9Side 2Tightening torqueO,4 Nminserted, screwedCoating contactgold platedFamily construction formM8 x 1Material contactK8 x 1Material contactCopper alloy	
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Material contactCopper alloyNo. of poles3Width across flatsSW9Side 2Image: Sige 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1Material contactCopper alloy	
No. of poles  3    Width across flats  SW9    Side 2	
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	
Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1Material contactCopper alloy	
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	
Mounting method  inserted, screwed    Coating contact  gold plated    Family construction form  M8    Thread  M8 x 1    Material contact  Copper alloy	
Coating contact  gold plated    Family construction form  M8    Thread  M8 x 1    Material contact  Copper alloy	
Family construction form  M8    Thread  M8 x 1    Material contact  Copper alloy	
Thread  M8 x 1    Material contact  Copper alloy	
Material contact Copper alloy	
No. of poles 3	
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 4048879130950	
Packaging unit 1	
Electrical data   Supply	

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Operating voltage DC max.      60 V        Operating voltage AC (UL-listed)      30 V        Operating voltage DC (UL-listed)      30 V        Diagnostics      4 A        Diagnostics      Important prevint operating per contact max.      4 A        Diagnostics      Important per contact max.      4 A        Diagnostics      Important per contact max.      4 A        Device protection   Electrical      Important per contact max.      4 A        Device protection   Electrical      Important per contact max.      4 A        Device protection   Electrical      Important per contact max.      4 A        Device protection   Electrical      Important per contact max.      4 A        Device protection protection protection degree      Important per contact max.      1 Metrical contact max.        Diated argone (Listed SoftA-1)      I      Important per contact max.      1 Metrical contact max.        Material gasket      FKM      Material gasket      PMR      Methanical contact max.      2 Con cle-coasting        Mechanical data   Mounting data      Important per contact max.      25 °C      Deparating temperature max.      85 °C        Additional condition temperature max.      85		50.1/
Spinsting voltage AC (UL-listed)      S0 V        Spinsting voltage AC (UL-listed)      S0 V        Spinsting voltage AC (UL-listed)      S0 V        Diagnatis      S0 V        Status Indicaton LED      no        Decise protection [Electrical      Velocise protection (SN UEC 60529)        Degree of protection degree      inserted, screwed        Valuation Degree      S        Stated surge voltage      1,5 V        Marking group UEC 60561-1)      I        Mechanical data [Material data]      Mechanical data [Material data]        Stating surges Voltage      1,5 V        Markaning group UEC 60561-1)      I        Mechanical data [Material data]      PKM        Marini group UEC 60561-1      I        Mechanical data [Mounting data      Increasing        Mounting method      increading on cable quality        Important installation nocts      S5 °C        Mounting radius      Attertion: Oncource the permissible bending radiu when laying cables, as the IP protection class can be	Operating voltage AC max.	
Sparating voltage DD (UL-ites)      30 V        Summer operating per contact max.      4 A        Device operating per contact max.      4 A        Device operating per contact max.      4 A        Device protection   Electrical      Personance        Device protection of Electrical      Personance        Device protection of GVICE 06505      IP65, IP67, IP68, IP67, IP67, IP68, IP67, IP67, IP68, IP68, IP68, IP68, IP68, IP68, IP68		
During oper contact max.      4 A        Diagnostics      Status Indication LED      no        Device protection (EM EC 05529)      IP65, IP67, IP68, IP66K      Status Indication protection degrape      Inserted, servewad        Parking protection (EM EC 05529)      IP65, IP67, IP68, IP66K      Status and Composition degrape      Inserted, servewad        Parking protection (EX EC 05529)      IP65, IP67, IP68, IP66K      Status and Composition degrape      Inserted, servewad        Status and comp (EC 05064 1)      I      Mechanical data [Material data        Status and comp (EC 05064 1)      I      Mechanical data [Material data        Status and comp (EC 05064 1)      I      Mechanical data [Material data        Status and comp (EC 05064 1)      I      Mechanical data [Material data        Status and composition degrape      PLR      Status and composition degrape        Optimitarial characteristics [C 00040      True data carewad, Staking protocion        Mechanical data [ Mounting data      Zinc data carewad, Staking protocion        Status and composition data (C 00000000000000000000000000000000000		
Displaysibility </td <td></td> <td></td>		
Basis      Indication LED        Device protection [Electrice]        Device protection (Electrice)        Device protection (Electrice)        Device protection operion        Device protection		47
Device protection   Electrical      PBOS, IPOS, I	-	
begree of protection (EN IEC 60529)      IP65, IP67, IP68, IP66K        Middlional condition protection degree      Inserted, screwed        Voltion Degree      3        Radad surge voltage      1. SkV        Mathrait group (IEC 60664-1)      1        Machanical data [ Material data      FM        Mathrait group (IEC 60664-1)      PLP        Data protection (and tata)      FM        Mathrait group (IEC 60664-1)      Zinc die casting        Mechanical data [ Mouring data      FM        Adaurial novaing      PLP        costing material      Since die casting        Mechanical data [ Mouring data      Since die casting        Mechanical data [ Mouring data      Since die casting        Deprating temperature min.      -25 °C        Deprating temperature max.      65 °C        Since on bending radius      Material concerve the parentisticible bending radii when laying cables, as the IP protection class can be endangered by excessive bending facti when laying cables, as the IP protection class can be endangered by excessive bending facti when laying cables, as the IP protection class can be endangered by excessive bending facti when laying cables, as the IP protection class can be endangered by excessive bending facti when laying cables, as the IP protection class can be endangered by excessive bending facti when laying cables, as the IP p	Status indication LED	no
valitional condition protection degree      inserted, screwed        valuation Degree      3        valuation Degree      1,5 kV        Attending youn (IEC 06064-1)      I        Mechanical data   Material data	Device protection   Electrical	
Pollution Degree      3        Paladi argy voltage      1.5 kV        Material group (ICS 60664-1)      I        Mechanical data   Material data      Standi group (ICS 60664-1)        Satisfier Jossifier (Se 6064-1)      I        Mechanical data   Material data      Standi group (ICS 60664-1)        Jossifier Jossifier (Se 6064-1)      IKS        Mechanical data   Mounting data      Zinc die-casting        Mechanical data   Mounting data      Jossifier (Se 6064-1)        Mechanical micelifer      Portect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.        Attention:      Diserver barding for Ces.      Contoming        Contorning      Se 60-0      Jossifier (Se 604-1)        Sate i Identification (Galo<	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Rate surge voltage      1,5 kV        Atterial group (IEC 6068-1)      I        Mechanical data [ Material data      Image: supplementation of the supplementa	Additional condition protection degree	inserted, screwed
Ataerial group (IEC 60664-1)      I        Mechanical data [Material data      Joading locking        Adarial glocking      Nickeled        Atterial group (IEC 60664-1)      FKM        Adarial dask      FKM        Adarial dask      FKM        Adarial dask      FKM        Mechanical data [Mounting data      Zinc die-casting        Mechanical data [Mounting data      Inserted, screwed, Staking protection        Environmental characteristics [Climatic      Joading on cable quality        Deparating temperature max.      85 °C        Operating temperature max.      85 °C        Velocit itstaliation notes      Methanical condition temperature max.        Velocit standard      Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable lies.        Velocit standard      DIN EN 61076.2-114 (M8)        Enstititation [Cable      Salo        Salo if yoo      3        Salo if yoo	Pollution Degree	3
Mechanical data   Material data        Dealing locking      Nickeled        Alaerial gaskel      FKM        Alaerial gaskel      FKM        Alaerial gaskel      PLR        acoking material      Zinc die-casting        Mechanical data   Mounting data      Inserted, screwed, Shaking protection        Environmental characteristics   Climatic      Inserted, screwed, Shaking protection        Deparating temperature main.      45 °C        Operating temperature rans.      85 °C        Operating temperature rans.      85 °C        Validional condition temperature rans.      85 °C        Validia and radius      Alterniton: Observe the permissible bending radiu when laying cables, as the IP protection class can be enadiangered by excessive bendin	Rated surge voltage	1,5 kV
Dockling lockling      Nickeled        Ataerial paskel      FKM        Ataerial paskel      FKM        Ataerial paskel      FKM        Ataerial paskel      Zinc die casting        Mochanical data   Mounting data      Ince die casting        Mounting method      inserted, screwed, Shaking protection        Environmental characteristics   Climatic      Jone allo gate        Deparating temperature min.      25 °C        Operating temperature max.      85 °C        Atadition condition temperature max.      85 °C        Ataerial installation note      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be and angered by excessive bending forces.        Conformity      Conformity        Yord Ct standard      DINE N 61076-2-114 (M8)        Installation   Cable      Standard        Standard      Dives N forces.        Conformity      3        Yord Ct standard      Dives N standard        Standard      Dives N standard        Standard      Standard        Standard      Standard <tr< td=""><td>Material group (IEC 60664-1)</td><td>I</td></tr<>	Material group (IEC 60664-1)	I
Ataeria gasket      FKM        Ataeria functions      PUR        acoking material      Zinc die-casting        Mechanical distal [Mounting data      Mechanical distal [Mounting data        Mechanical distal [Mounting data      Inserted, screwed, Shaking protection        Environmental characteristics [ Climatic      Deparating temperature main.        25 °C      Opperating temperature max.      85 °C        Opperating temperature max.      85 °C        Veditional condition temperature may.      85 °C        Vedition at condition temperature may.      85 °C        Vedition at condition temperature may.      Material packet from mechanical loads, e.g. by the usage of cable fles.        Contomity      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fles.        Catalogical diadition (Cable      Disc      Contomity        Vedition of Cable fles.      Contomity      Contomity	Mechanical data   Material data	
Material housing      PUR        .coking material      Zinc die-casting        Mechanical data   Mounting data      insorted, screwed, Shaking protection        Environmental characteristics   Climatic      Environmental characteristics   Climatic        Operating temperature min.      -25 °C        Operating temperature max.      85 °C        Viditional condition temperature mage      depending on cable quality        Important installation notes      Important installation notes        Vide 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 ending radii when laying cables, as the IP protection class can be ending forces.        Conformity      INE EN 61076-2-114 (M8)        Product standard      DIN EN 61076-2-114 (M8)        Installation   Gable      GaO        Stable Type      3        Iacket Color      black        Yale of Colir      black	Coating locking	Nickeled
Acking material      Zinc die-casting        Mechanical data   Mounting data      inserted, screwed, Shaking protection        Environmental characteristics   Climatic      Deparating temperature min.      -25 °C        Opperating temperature max.      85 °C      Note that the screwed in the screwer in	Material gasket	FKM
Mechanical data   Mounting data        Aouning method      inserted, screwed, Shaking protection        Environmental characteristics   Climatic	Material housing	PUR
Mounting method      inserted, screwed, Shaking protection        Environmental characteristics   Climatic	Locking material	Zinc die-casting
Environmental characteristics   Climatic        Operating temperature min.      -25 °C        Operating temperature max.      85 °C        Additional condition temperature range      depending on cable quality        Important installation notes      Mote on strain relief      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Note on strain relief      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Vete 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      Torduct standard        Verduct standard      DIN EN 51076-2-114 (M8)        Installation   Cable      Since (Carloring)        Sable Type      3        Sable Type      3        Sable Type      3        Stranding      1        Stranding      1        Stranding      Sinves twisted        Wrive arrangement      Frow, Dack, blue        Cable weigth      26.4 g/m        Atterial jacket      PUR        Shore Anerse jacket      90 ± 5 Shore A        Freedom from ingredients (jacket)	Mechanical data   Mounting data	
Operating temperature min.      -25 °C        Operating temperature max.      85 °C        Vadditional condition temperature range      depending on cable quality        Important installation notes      Important installation notes        Value on strain relief      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Contromity        Product standard      DIN EN 61076-2-114 (M8)        Installation   Cable      Cable formit        Stable identification      630        Cable identification      630        Stranding	Mounting method	inserted, screwed, Shaking protection
Additional condition 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.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Conformity      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Conformity      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Conformity      Protect standard        DIN EN 61076-2-114 (M8)      Installation   Cable        State Color      Black        State Color      black        Vipe of Certificate      CURus        Amount stranding      1        Stranding      3 wires twisted        Stranding      9 ± 5 Shore A        Freedom from ingredients (jacket)      9 ± 5 Shore A        Freedom from ingredients (jacke	Environmental characteristics   Climatic	
Additional condition 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.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Conformity      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Conformity      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Conformity      Protect standard        DIN EN 61076-2-114 (M8)      Installation   Cable        State Color      Black        State Color      black        Vipe of Certificate      CURus        Amount stranding      1        Stranding      3 wires twisted        Stranding      9 ± 5 Shore A        Freedom from ingredients (jacket)      9 ± 5 Shore A        Freedom from ingredients (jacke	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.        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      Endated time permissible bending forces.        Product standard      DIN EN 61076-2-114 (M8)        Installation   Cable      630        Cable identification      630        Cable identification      630        Cable Color      black        Vype of Certificate      cUFus        Amount stranding      1        Stranding      3 wires twisted        vire arrangement      brown, black, blue        Cable weigth      26,4 g/m        Adterial jacket      PUR        Shore hardness jackat      90 ± 5 Shore A        Freedom from ingredients (jacket)      lead-free, cadmium-free, CFC-free, halogen-free, silicone-free        Duter diameter (isokati)      45 %        Atterial wire insulation		
Important installation notes        Note on strain relief      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Conformity        Product standard      DIN EN 61076-2-114 (M8)        Installation   Cable      630        Sable Type      3        lacket Color      black        Type of Certificate      cURus        wine arrangement      brown, black, blue        Sable weigth      26,4 g/m        Material jacket      90 + 2 Shore A        Teedom from ingredients (jacket)      lead-free, cadmium-free, CFC-free, halogen-free, silicone-free        Duter diameter (sheath)      ± 5 %        Attentiation      70 ± 5 Shore D        Noter diameter insulation      1,25 mn        Duter diameter insulation      70 ± 5 Shore D        Roter diameter free, swire insulation      70 ± 5 Shore D	· · ·	depending on cable quality
Aste on strain relief      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Conformity        Product standard      DIN EN 61076-2-114 (M8)        Installation   Cable      Conformity        Cable identification      630        Cable Type      3        Iacket Color      black        View of Certificate      cURus        Mnount stranding      1        Stranding      3 wires twisted        View arrangement      Drown, black, blue        Cable weigth      26,4 g/m        Auterial jacket      PUR        Store A      PUR        Order-free outer diameter (sheath)      1 5 %        Auterial wire insulation      PP        Mount Wires      3        Duter diameter insulation      1.25 mm        Duter diameter insulation      2.5 fore D        Insulation      1.5 %		
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      630        Cable identification      630        Carley of Carlificate      cURus        Annount stranding      1        Stranding      3 wires twisted        Wrie arrangement      Drown, black, blue        Cable weigth      26, 4 g/m        Adaterial jacket      PUR        Shore hardness jacket      90 ± 5 Shore A        Freedom from ingredients (jacket)      lead-free, cadmium-free, CFC-free, halogen-free, silicone-free        Duter diameter (jacket)      4.5 %        Attential wire insulation      PP        Annount wires      3 <td></td> <td>Bratast the connectors by quitable measures from mechanical leads, e.g. by the upage of cable tice</td>		Bratast the connectors by quitable measures from mechanical leads, e.g. by the upage of cable tice
Conformity        Product standard      DIN EN 61076-2-114 (M8)        Installation   Cable        Dable identification      630        Dable identification      630        Dable Type      3        lacket Color      black        Type of Certificate      cURus        Amount stranding      1        Stranding      3 wires twisted        vire arrangement      brown, black, blue        Dable weigth      26,4 g/m        Adterial jacket      PUR        Shore hardness jacket      90 ± 5 Shore A        Freedom from ingredients (jacket)      lead-free, cadmium-free, CFC-free, halogen-free, silicone-free        Duter-diameter (jacket)      4,1 mm        forefance outer diameter (sheath)      ± 5 %        Amount wires      3        Duter diameter (sheath)      ± 5 %        Duter diameter insulation      PP        Amount wires      3        Duter diameter ore erisulation      1,25 mm        Duter diameter insulation      1,25 mm        Duter diameter insulation      70 ± 5 Shore D        ngredient freeness wire insulation      Fo ± 5 Shore D	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard      DIN EN 61076-2-114 (M8)        Installation   Cable      Solution   Cable        Dable identification      G30        Cable identification      G30        Cable Type      3        Cable Type      3        Cable Color      black        Type of Cartificate      CURus        Mount stranding      1        Stranding      3 wires twisted        Vire arrangement      brown, black, blue        Cable weigth      26,4 g/m        Adaterial 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)      4,1 mm        Follerance outer diameter (sheath)      ± 5 %        Material wire insulation      PP        Mount wires      3        Outer diameter insulation      5 %        Duter diameter insulation      7.2 ± 5 More D        Ingredient freeness wire insulation      70 ± 5 Shore D	Conformity	
Installation   Cable        Cable identification      630        Cable Type      3        Cable Color      black        Type of Certificate      cURus        Amount stranding      1        Stranding      3 wires twisted        vire arrangement      brown, black, blue        Cable weigth      26,4 g/m        Ataterial jacket      PUR        Shore hardness jacket      90 ± 5 Shore A        Freedom from ingredients (jacket)      lead-free, cadmium-free, CFC-free, halogen-free, silicone-free        Duter-diameter (jacket)      4,1 mm        Folerance outer diameter (sheath)      ± 5 %        Moount wires      3        Duter diameter insulation      PP        Amount wires      3        Duter diameter insulation      1,25 mm        Duter 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, silicone-free		DIN EN 61076 2 114 (M8)
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Jacket Color      black        Type of Certificate      cURus        Amount stranding      1        Stranding      3 wires twisted        vire arrangement      brown, black, blue        Cable weigth      26,4 g/m        Aterial jacket      PUR        Shore hardness jacket      90 ± 5 Shore A        Freedom from ingredients (jacket)      lead-free, cadmium-free, CFC-free, halogen-free, silicone-free        Duter-diameter (jacket)      4,1 mm        Folerance outer diameter (sheath)      ± 5 %        Auterial wire insulation      PP        Amount wires      3        Duter diameter tolerance core insulation      1,25 mm        Duter 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, silicone-free	Cable identification	630
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mAdterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeDuter-diameter (sheath)± 5 %Amount wires3Duter diameter insulation1,25 mmDuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-free, silicone-free	Cable Type	
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Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 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 § 1090   UL 1581 § 1100 FT2   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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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