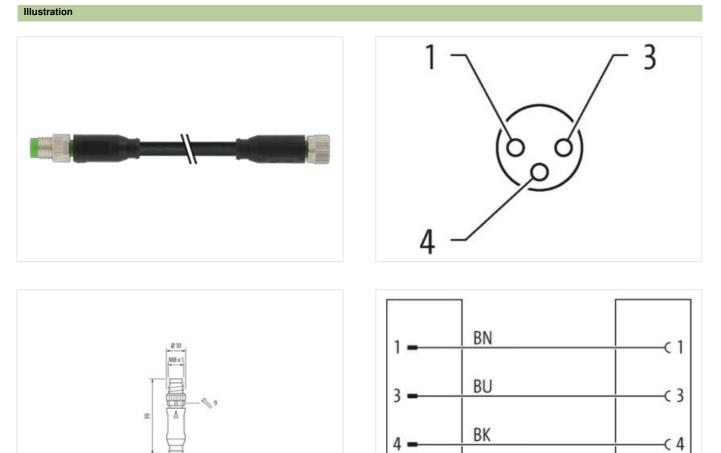


## M8 male 0° / M8 female 0° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 1.5m

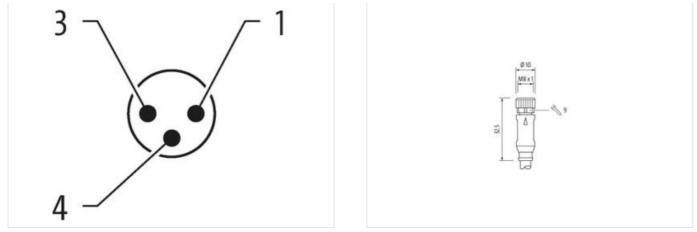
Male straight – female straight M8 – M8, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further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

## Link to Product



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: 2024-05-21





Product may differ from Image



Cable length	1,5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $Ø$ )	6,5 mm
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	3
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879130899
Packaging unit	1

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: 2024-05-21



Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Depreting voltage AC (UL-listed)     30 V       Depreting voltage AC (UL-listed)     4 A       Depreting voltage AC (UL-listed)     Note AC (UL-listed)       Device protection (Electical     Note AC (UL-listed)       Device protection (Electical     IPER/SPACE)       Degree AD protection (Electical     Note AC (UL-listed)       Adational condition protection degree     3       Pailution Degree     3       Bala super voltage AC (UL-listed)     I       Mochanical data [Material data]     Note AC (UL-listed)       Colaring toxing material     Rode       Material group (EC 60664-1)     I       Mochanical data [Material data]     Note AC (UL-listed)       Material group (EC 60664-1)     I       Motorial group (EC 60664-1)     I       Motorial data [Material data]     Publical       Motorial group (EC 60664-1)     In (Electical       Motorial material group (EC 60664-1)     In (Electical       Motorial group (EC 606664-1)     In (Electical	Operating voltage AC max.	50 V
Operating voltage DC (UL-Islend)     30 V       Current operating per contact max.     4 A       Dispositio     90       Evice protection (EN EC 5025)     1955, 1967, 1958, 1967, 1968, 1967, 1967, 1968, 1967, 1967, 1968, 1967, 1967, 1968, 1967	Operating voltage DC max.	60 V
Current operating per contact max.     4 A       Degrees of protection (Electrical     no       Device protection (Electrical     IPES, IP67, IP68, IP66K       Additional contifice of protection (Electrical screwed     Insertial screwed       Pollution Deprese     3       Rated surge voltage     1.5 kV       Machanization Controlline (Electrical     Insertial screwed       Coating looking     Nickeled       Material arous (Ele 50664-1)     I       Machaniza data (Material data)     Electrical       Coating looking     Nickeled       Material answing     PUR       Coating looking     PUR       Coating looking     Geo acting       Material mousting     Conting coating       Coperating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional contine temperature range     depending on cable quality       Important installation notes     Attentic: Co	Operating voltage AC (UL-listed)	30 V
Depreserve     Protection       Device protection [Electrical     In 0       Device protection [Electrical     In 56, IP57, IP58, IP57, IP57,	Operating voltage DC (UL-listed)	30 V
Status Indication LED     no       Device protection   Electrical     Isolation al condition (EN IEC 60529)     No Eleb 1697, 1968, 1969 (No Alexander Ale	Current operating per contact max.	4 A
Device protection (ENEC 60529)     (PBS, IPS7, IPB6, IP68, I	Diagnostics	
Degree of protection (EN IEC 60829)IP65, IP67, IP68, IP66KAdditional condition protection degreeinserted, screwedRated surge voltage1,5 NVMaterial group (IEC 60664-1)1Machanical dist [Material data]inserted, screwed, Standard, and St	Status indication LED	no
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Read surge voltage     1, EVV       Material group (IEC 60694-1)     I       Material postet     FXM       Mounting method     Isoratod, screwed, Shaking protection       Material postet     Gondang contrains temperature max.       Additional condition temperature max.     As "C       Additional condition temperature max.     As "C       Note on strian relief     Portect the connectors by suitable measures from mechanicial loads, e.g. by the usage of cable fest.       Material postet <t< td=""><td>Device protection   Electrical</td><td></td></t<>	Device protection   Electrical	
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Read surge voltage     1, EVV       Material group (IEC 60694-1)     I       Material postet     FXM       Mounting method     Isoratod, screwed, Shaking protection       Material postet     Gondang contrains temperature max.       Additional condition temperature max.     As "C       Additional condition temperature max.     As "C       Note on strian relief     Portect the connectors by suitable measures from mechanicial loads, e.g. by the usage of cable fest.       Material postet <t< td=""><td>Degree of protection (EN IEC 60529)</td><td>IP65, IP67, IP68, IP66K</td></t<>	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Polikiton Degree     3       Rated surge voltage     1.5 kV       Material group (EC 60664-1)     1       Material poking     Nickeled       Material poking     Nickeled       Material poking     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Incerede, screwed, Shaking protection       Environmental characteristics   Climatic     Operating imperature non.       Operating temperature non.     -25 °C       Operating temperature non.     -05 °C       Operating temperature non.     -05 °C       Contornity<		
Rated surge voltage     1.5 kV       Macinal group (EC 60664.1)     I       Mechanical data   Material data     Control locking       Cating locking     Nickeled       Material gasket     FKM       Material gasket     FKM       Material gasket     FKM       Material positing     PUR       Locking material     Zin dio-casting       Machanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Terrotect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fires.       Attention: Observe the permissable bending radii wine laying cables, as the IP protection class can be ending readius     Attention: Observe the permissable bending radii wine laying cables, as the IP protection class can be ending readius       Wrie arrangement     brown, black, blue     Cable identification       Galoic Type     3     Galoic Type       Galoic Type     3     Galoic Type       Shranding     wires tvisted  <		
Material group (EC 90684 1)     I       Mechanical data [Naterial data     Kokeled       Coating locking     Nickeled       Material gastes     FKM       Material gastes     FKM       Mechanical data [Mounting data     Zinc die-casting       Mechanical data [Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Comperating temperature main.       Operating temperature main.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Conternity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Called conditication     G30       Called conditication	-	
Mechanical data   Material data       Coating looking     Nickeled       Material looking     PKM       Material looking     PUR       Locking material     Zinc die-casting       Methanical data   Mounting data     Inserted, screwed, Shaking protection       Methanical data   Mounting data     Inserted, screwed, Shaking protection       Methanical data   Mounting data     Inserted, screwed, Shaking protection       Methanical data   Mounting data     Single protection       Operating 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.       Nater on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contromity     Installation robe       Weat arrangement     Din EN 1076 2 114 (M8)       Meaterial protection dass can be arrangement     Source, black.       Additional control     Source       Straining     3 wines twisted       Anount straingement     CuPus       Anount straing		
Coating locking     Nickeled       Material pasket     FKM       Material pasket     FKM       Material housing     PUR       Cocking material     Zin cile-casting       Material housing data     Incele-casting       Material posting method     inserted, screwed, Shaking protection       Environmental characteristics [Climatic     25 °C       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation networes     Important installation in temperature may.       Note on strain relief     Protex the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Additional condition temperature may.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.       Conformity     Important [Material Addition [Material [Materia		
Material gasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature man.     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 lies.       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     Gastication     Gastication       Cable rope     3     Jacket Color       Value dantification     G30     Gastication       Cable rope     3     Jacket Color     Usak       Type of Cartificate     CURus     Anount stranding     1       Stranding     3 wires twisted     Wire arrangement     Erown, black	· · · · · · · · · · · · · · · · · · ·	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 may.     85 °C       Additional condition temperature may.     85 °C     Additional condition temperature may.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contormity     Installation focal     DIN EN 61076-2-114 (M8)       Installation [ Cable     brown, black, blue     Cable Identification       Cable Identification     630     Cable Identification     630       Cable Type     3     Jacket Color     URus       Amount stranding     1     Stranding     Stranding       Yare Arrangement     brown, black, blue     Cable Identification     G30       Cable Identification     630     Cable Identin the Arrangement     Prown, black, blue		
Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics / Climatic     Operating temperature main.     25 °C       Operating temperature max.     85 °C     Additional condition temperature may.     85 °C       Additional condition temperature max.     85 °C     Additional condition temperature may.     85 °C       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     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.       Nate on bending radius     Attention: Observe the permissible banding radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cotor     DIN EN 61076-2-114 (M8)       Installation (Cable     DIN EN 61076-2-114 (M8)       Installation (Cable     Din Kin 61076-2-114 (M8)       Installation     Gab       Cable dealitification     630       Cable dealitification     Gab       Cable dealition     Gab       Starding<	Material housing	
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmenial characteristics   Climatic     Comparing 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     Inserted. Screwed, blue, blue     Conformity       Product standard     DIN EN 61076-2-114 (M8)     Inserted. Screwed, blue       Cable identification     630     Cable identification     Gable       Cable identification     630     Cable identification     Gable       Cable identification     630     Cable identification     Gable identification     Gable identification     Gable       Type of Certificate     UPRus     Stranding     3 wires twisted     Stranding	Locking material	
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending torces.       Conformity     Environmental biological	,	
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 ending forces.       Conformity     Product standard     DIN EN 61076-2-114 (M8)       Installation [Cable     UNE No 61076-2-114 (M8)     Installation [Cable       wire arrangement     brown, black, blue     Cable identification     630       Cable Iterification     630     Cable identification     630       Cable Of Or     black     DIV ISUS     Stranding     3       Anount stranding     1     Stranding     Stranding     Stranding       Stranding     3 wires twisted     Stranding     Stranding     Stranding       Stranding     9 ± S Shore A     Freedom from ingredients (jacket)     PUR       Shore hardnese jacket		inserted screwed Shaking protection
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.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Concrnity       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     vire arrangement       wire arrangement     brown, black, blue       Cable identification     630       Cable identification     630       Cable identification     630       Cable identification     1       Stranding     1       Stranding     1       Stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weight     26,4 g/m       Material jackt     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket) <td>-</td> <td></td>	-	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect standard       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Forwn, black, blue       Cable identification     630       Cable GoottineCation     630		25.00
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 ending radiu when laying cables, as the IP protection class can be ending forces.       Conformity     Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     brown, black, blue     Cable identification     630       Cable identification     630     Cable identification     630       Type of Certificate     cuRus     CuRus     Curu Cable identification     630       Stranding     3 wires twisted     Stranding     3 wires twisted     Stranding     3 wires twisted       Store hardness jacket     90 ± 5 Shore A     Freedom from ingredients (jacket)     Ead-free, cadmum-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     4.1 mm     Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP     Amount wires     3     Outer diameter (sheath)     ± 5 %       Shore hardness wire insulation     PP     Amount wires     3     <	· · · ·	
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     Endangered by excessive bending forces.       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     brown, black, blue       Cable identification     630       Cable identification     630       Cable forp     3       Jacket Color     black       Type of Certificate     CURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     26.4 g/m       Material jacket     PUR       Shore hardness jackat     90 ± 5 Shore A       Freedom from ingredients (jacket)     125 %       Material wire insulation     PP       Andreuer (jacket)     14.1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP		
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     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Usage of cable identification       Cable identification     G30       Stranding     1       Stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     26,4 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)     4.1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire		depending on easie 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.       Conformity     Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Unit Standard     Dis Standard       wire arrangement     brown, black, blue     Cable identification     630       Cable Identification     630     Cable Type     3       Jacket Color     black     Current Stranding     1       Stranding     1     Stranding     1       Stranding     3 wires twisted     Stranding     3       Waterial jacket     PUR     Store 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       Tolerance outer diameter (jacket)     1 ± 5 %     Material jacket     PP       Amount wires     3     3     Outer diameter (jacket)     4.5 %       Outer diameter (jacket)     1 ± 5 %     Material wire insulation     PP     Amount wires     3     Outer diameter insulation     1.25 mm       Outer d	Important installation notes	
Note of bending facilities     endangered by excessive bending forces.       Conformity       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable       wire arrangement     brown, black, blue       Cable Type     3       Jacket Color     black       Zable Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     26,4 g/m       Material jacket     PUR       Store 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       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     3       Outer diameter insulation     1,25 mm       Outer diameter insulation </td <td>Note on strain relief</td> <td></td>	Note on strain relief	
Product standardDIN EN 61076-2-114 (M8)Installation   Cableinstallation   Cablewire arrangementbrown, black, blueCable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26.4 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 wire insulationPPAnount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	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       wire arrangement     brown, black, blue       Cable identification     630       Cable identification     630       Cable Type     3       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     26.4 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)     4.1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     3       Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D	Conformity	
wire arrangementbrown, black, blueCable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)1 mmOuter diameter (sheath)± 5 %Material wire insulation70 ± 5 Shore D	Product standard	DIN EN 61076-2-114 (M8)
Cable identification630Cable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore D	Installation   Cable	
Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	wire arrangement	brown, black, blue
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Cable identification	630
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 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 wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Cable Type	3
Amount stranding1Amount stranding3 wires twistedStranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Jacket Color	black
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore D	Type of Certificate	cURus
wire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore D	Amount stranding	1
Cable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Stranding	3 wires twisted
Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	wire arrangement	brown, black, blue
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     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   3     Outer diameter tolerance core insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D	Cable weigth	26,4 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Material jacket	PUR
Outer-diameter (jacket) 4,1 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PP   Amount wires 3   Outer diameter insulation 1,25 mm   Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 70 ± 5 Shore D	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP   Amount wires 3   Outer diameter insulation 1,25 mm   Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 70 ± 5 Shore D	Outer-diameter (jacket)	4,1 mm
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 70 ± 5 Shore D	Amount wires	3
Shore hardness wire insulation70 ± 5 Shore D	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Shore hardness wire insulation	
	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

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Amount strands (wire)	32
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
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
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

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