

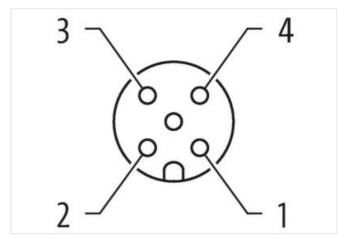
## M12 male 0° / M12 female 90° A-cod.

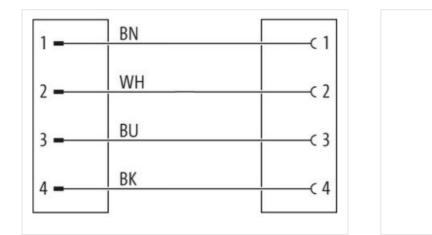
PUR 4x0.34 bk UL/CSA+drag ch. 0.9m

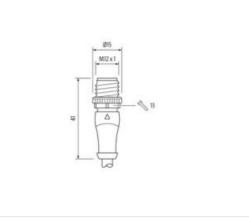
Male straight – female 90° M12 – M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



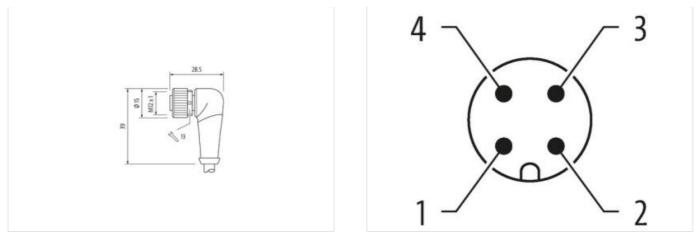






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19





Product may differ from Image



Cable length	0,9 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $Ø$ )	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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	4048879854894
Packaging unit	1
Electrical data   Supply	

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Installation (Connection)     III 2x 1       Device protection [Electrica]     III 2x 1       Additional condition protection degree     isserted, screwed       Pollution Degree     3       Madral group (EG 06964 1)     1       Cataling locking     Nickelad       Costing relativit     Zinc dire casting       Material screw connection     Zinc dire casting       Material screw connection     Since direcasting       Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition networe max.     85 °C       Additional condition networe max.     85 °C       Note on strain rolled     Periodic the connectors by suitable measures from mechanical toads, e.g. by the usage of cable lose.	Operating voltage AC max.	250 V
Operating per contact max.     4 A       Current operating per contact max.     4 A       Installation Concention     Installation Concention       Davis protection   Electrical     Instance       Additional conditions protection degree     instance       Material group (IEC 60064 1)     1       Mechanical data / Material data     Cassing on Mickel plated       Coasting of Milling     Nickel plated       Coasting of Milling     Tickel plated       Coasting of Milling     Tickel plated       Coasting of Milling     Tickel de-casting       Material screw connection     Zine de-casting       Material screw connection     Zine de-casting       Material condition temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Motion stratification otes     Miletonic Coserve the permissible bending radii whon laying cables, as the IP protection dass can be and angreent by excessive bending traces.       Note on strain reliel     Polect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.       Material acod     DIN EN 1076-2 101 (M12)	Operating voltage DC max.	250 V
Current operating per context max.     4 A       Installation Connection     M12 x 1       Device protection   Electrical     Installation condition protection degree       Additional condition protection degree     3       Material proup (EC 00064-1)     1       Machanical data   Material data     Conting of thing       Conting of thing     nickel plated       Control point     Zinc dice casing       Material screw connection     Zinc dice casing       Machanical data   Mouning gatha     Mouning method       Control point     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating topportature min.       Operating topportature min.     25 °C       Operating topportature min.     26 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     Environmental characteristics   Climatic       Note on train relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ise.       A	Operating voltage AC (UL-listed)	30 V
Institution   Connection     Mumming set     M 2 × 1       Device protection   Electrical	Operating voltage DC (UL-listed)	30 V
Maining and     M12 x 1       Device protection   Electrical       Additional condition protection agree     issented, screwed       Additional condition protection dagree     issented, screwed       Material group (EC 6066-1)     I       Machanical data   Material data     Contain plocking     Nickeled       Contain plocking     Nickeled     Contain plocking     Nickeled       Contain plocking material     Zinc de-casting     Contain plocking     Nickeled       Material screw connection     Zinc de-casting     Contain plocking     Nickeled       Munding method     Inserted, screwed, Shaking protection     Contain plocking     Nickeled       Operating temperature min.     25 °C     Operating temperature min.     25 °C       Operating temperature min.     25 °C     Operating temperature min.     25 °C       Operating temperature min.     25 °C     Operating temperature min.     25 °C       Operating temperature min.     25 °C     Operating temperature min.     26 °C       Addition of the connectors by subtele measures from mechanical loads, e.g. by the usage of cable fees.     Note the connectors by subtele measures from mechanical loads, e.g. by the usage of cable fees. </td <td>Current operating per contact max.</td> <td>4 A</td>	Current operating per contact max.	4 A
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Additional condition protection degree     3       Material group (IEC 80864.1)     1       Material group (IEC 80864.1)     Nexeled       Cataling boking     Nexeled       Cataling boking     Nexeled       Cataling boking     Nexeled       Cataling boking     Cataling boking       Material screw consolon     Zinc die casting       Material screw consolon     Zinc die casting       Material screw consolon     Zinc die casting       Perivating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on stain netelel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable loss.       Conormity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable loss.       Cable doeffication     644       Cable doeffication     644       Cable doeffication     644       Cable doeffication     644       Cable doefficatin     644	Installation   Connection	
Additional condition protection degree     inserted, screwed       Pollution Dagree     3       Material group (EC 60664 - 1)     1       Mechanical data   Material data     Cading (EC 60664 - 1)       Cading forting     Nickeled       Cading of fitting     Nickeled       Cading of fitting     Nickeled       Cading of fitting     Nickeled       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mice die-casting       Mounting muthod     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Climatic       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temporature nage     depending on cable quality       Inport installation notes     Mice on stain right       Viec on stain right     Note on thein's protection class can be orights and and	Mounting set	M12 x 1
Pallutan Dagree     3       Material group (EC 60664-1)     1       Mechanical data (Material data)     Colling (CR)       Coating of Itting     nickel plated       Coating of Itting     nickel plated       Mechanical data (Mounting data     Sinc die-casting       Mechanical data (Mounting data     inserted, screwed, Shaking protection       Mechanical data (Mounting data     inserted, screwed, Shaking protection       Environmental characteristics (Climat)     25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition nober     Mounting on cable quality       Important Installation nobe     Adtention: Oberve the permissible bending radi when laying cables, as the IP protection class can be endingered by excessive bending forces.       Contronity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Mount standard     Diror bending radius     Attention: Oberve the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.       Contomity     Protect he permissible bending radii when laying cables.       Mount standard     Diror Coarry the permissible conting forces.       Operating te	Device protection   Electrical	
Pallutan Dagree     3       Material group (EC 606641)     1       Mechanical data [Material data     Coating locking       Nickeled     Coating locking       Coating locking material     Zinc die-casting       Mechanical data [Mounting data     Incele casting       Mechanical casting formerature min.     -25 °C       Operating 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 files.       Note on bending radius     Attention: Coarve the permissible bending radii when laying cables, as the IP protection class can be ending radiu       Installation Cable     Uncert strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Attention: Coberve the permissible bending radii when laying cables, as the IP protection class can be ending radii when laying cables.     Attention: Coarve       Installation Cable     Uncert strain relief     Drown, black, blue, while     Cable ciget strand s	Additional condition protection degree	inserted screwed
Material group (EC 80864 1)     I       Mechanical data (Material data     Vickeld       Coating of Iting     nickel plated       Coating of Iting     nickel plated       Coating of Iting     nickel plated       Mechanical data (Mounting data     Tine dis-casting       Mechanical data (Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics (Climatic     Operating temperature min.       Operating temperature min.     25 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Meterifice: Cosenve 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 radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protectin concenter class data	· · ·	· · · · · · · · · · · · · · · · · · ·
Mechanical data   Material data       Coating ploking     Nickel plated       Coating of fitting     nickel plated       Coating and Fitting     Zine die casting       Material storew connection     Zine die casting       Material storew connection     Zine die casting       Mounting method     insertad, screwed, Shaking protection       Environmental charecteristics   Climatic     Insertad, screwed, Shaking protection       Environmental charecteristics   Climatic     Gepending on cable quality       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important insiallation notes     Recenterion conserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contomity     Protect the connectors by suitable meaning radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable of pain     Diven black, blue, white       Cable identification     634       Cable identification     634       Cable identification     634       Cable identification     91       Stranding     4 viers twisted       wire arrangement		
Coating locking     Nickeled       Coating of Itting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Inc die-casting       Material screw connection     Sic die-casting       Material screw connection     Sic die-casting       Mounting method     Inserted. screwed. Shaking protection       Environmental characteristics [ Glimatic     Operating temperature max.       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable les.       Note on sharin field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable les.       Attention: Cobserve the permissible bonding radi when laying cables, as the IP protection class can be endragered by excessive bonding traces.       Colorinirue     Din K.D 61076-2·101 (M12)		
Coating of fitting     nickle plated       Locking material     Zinc die casting       Material serve connection     Zinc die casting       Mechanical data   Mounting dat     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature mage     depending on cable quality       Important installation netes     Inserted, screwed, by usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Ocationary     Inserted, screwed, by excessive bending radii when laying cables, as the IP protection class can be endangreed by excessive bending from sc.       Cable othertification     634       Cable identification     634       Cable identification     634       Cable identification     634       Cable identification     63.4       Cable identification     63.4       Cable identificatidan     63.9 µm	•	
Locking material     Zinc die-casting       Material sorew connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, sorewed, Shaking protection       Environmental characteristics   Climatic     Construction       Operating temperature min.     25 °C       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.       Conomity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     use arrangement     brown, black, blue, white       Cable Type     3     Cable Type     3       Valcekt Color     black     Use white     Cable Type     Gable white       Stranding     4 wires twisted     UR     Gable Type     Gable Type     Gable Type       Variange envert     bro		
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     25 °C       Operating temperature max.     85 °C     Additional condition temperature may.     85 °C       Additional condition temperature range     depending on cable quality     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 endangeed by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     write arangement     brown, black, blue, white       Cable Type     3     Jacket Color     black       Type of Certificate     CURus     Amount stranding     1       Stranding     4 wires twisted     wire arangement     brown, black, blue, white       Cable weight     36.3 g/m     Material jacket     PUR       Stranding     4 wires twisted     Material jacket     Material jacket     PUR		
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Construit       Operating temperature min.     -25 °C       Operating itemperature man.     85 °C       Additional condition temperature man.     85 °C       Additional condition temperature man.     85 °C       Additional condition temperature man.     depending on cable quality       Important installation notes     Retention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contomity     Retention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable of type     Jacket Octor       Isstallation Cable     UNE No 1076-2-101 (M12)       Installation Cable     Down, black, blue, white       Cable of type     Jacket Color       Value arrangement     brown, black, blue, white       Cable of type     Jacket Color       Value Standing     4 wires twisted       Wire arrangement     brown, black, blue, white       Cable weight     JG.3 g/m       Material jacket     PUR		
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     -25 °C       Operating temperature max.     85 °C     Colection       Additional condition temperature max.     85 °C     Colection       Additional condition temperature max.     85 °C     Colection       Additional condition temperature max.     85 °C     Colection       Material condition temperature max.     References to 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.       Contormity     Product standard     DIN EN 61076-2-101 (M12)       Installation I Cable     Diverse to suitable measures from mechanical loads, e.g. by the usage of cable ties.       Cable of contification     634     Cable Type     3       Cable Color     black     Diverse to suitable measures from mechanical loads, e.g. by the usage of cable ties.       Stranding     4 wires twisted     Diverse twisted       Mouter stranding <td></td> <td></td>		
Environmental characteristics   Climatic       Operating temperature min.     -25 ° C       Operating temperature max.     85 ° C       Addition condition temperature range     depending on cable quality       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     DIN EN 61076-2-101 (M12)       Impactant and     DIN EN 61076-2-101 (M12)       Installation   Cable     UNE N 61076-2-101 (M12)       View arrangement     brown, black, blue, white       Cable (antification     634       Cable Type     3       Jacket Color     black       Type of Certificate     cURus       Armount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     36.3 g/m       Material jacket     PUR       Stranding     4 wires twisted       Wire arrangement     brown, black, blue, white       Cable w		
Operating temperature max.     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.       Contormity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     DIN EN 61076-2-101 (M12)       Installation [Cable     Units EN 61076-2-101 (M12)       wire arrangement     brown, black, blue, white       Cable fuppe     3       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     36.3 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredents (jacket)     4.5 mm       Tolerance	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.       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 61076-2-101 (M12)       Installation   Cable     wire arrangement     brown, black, blue, white       Cable Identification     634     Cable Identification       Cable Identification     634     Cable Identificate       Amount stranding     1     Stranding       Attention:     534     Cable Identificate       Arge arrangement     brown, black, blue, white     Cable Identificate       Cable Identificate     QIB     Sig m       Material jacket     PUR     Stranding       Stranding     4 wires twisted     Sig m       Material jacket     PUR     Store A       Freedom from ingredien	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive fradianter IP protection class can be endangered by excessive bendi	Operating temperature min.	-25 °C
Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     standard       wire arrangement     brown, black, blue, white       Cable identification     634       Cable Identification     634       Cable Identification     634       Cable Identificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigh     36,3 g/m       Material jackt     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)     4.5 mm       Tolerance cur diameter (sheath)     ± 5 %       Attem diameter insulation     PP       Amount		
Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.       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     Image: Conformity       Product standard     DIN EN 61076-2-101 (M12)       Image: Conformity     Image: Conformity       Write arrangement     brown, black, blue, white       Cable identification     634       Amount straining     1       Stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weighth     36,3 g/m       Material jackt     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)     ± 5 %       Attential wire insulation     PP       Amount wrie	Additional condition temperature range	depending on cable quality
Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Units (M12)     Mathematical (M12)       Installation   Cable     Din EN 61076-2-101 (M12)     Mathematical (M12)       Installation   Cable     brown, black, blue, white     Cable identification     634       Cable identification     634     Cable identification     634       Artention 2 Octrificate     CURus     Curus     Curus       Amount stranding     1     Stranding     4 wires twisted       wire arrangement     brown, black, blue, white     Cable weigth     36.3 g/m       Cable weigth     36.3 g/m     Ead-Free, cadmium-free, CFC-free, halogen-free, silicone-free     Cuber diamater istres tacket <td>Important installation notes</td> <td></td>	Important installation notes	
Note on bending radius     endangered by excessive bending forces.       Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable       wire arrangement     brown, black, blue, white       Cable identification     634       Cable Type     3       Jacket Color     black       Type of Cartificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable develth     36,3 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)     4.5 %       Material wire insulation     PP       Amount wires     4       Outer diameter tolerance core insulation     1.25 mm       Outer diameter tolerance core insulation     1.25 Shore D       Ingredient freeness wire insulation     164-free, cadmium-free, CFC-free, halogen-free	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2·101 (M12)Installation   Cablewire arrangementbrown, black, blue, whiteCable identification634Cable identification634Cable Identification0Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth36,3 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4Amount wires4Outer diameter insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter insulation1,25 Shore DIngredient freeness wire insulationIead-free, cadmium-free, CFC-free, halogen-free, silicon	Note on bending radius	
Installation   Cablewire arrangementbrown, black, blue, whiteCable identification634Cable identification634Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth36,3 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires4Outer diameter fusulation1,25 mmOuter diameter fusulation1,25 mmOuter diameter fusulation1,25 mmOuter diameter insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation5 %Shore hardness wire insulation10 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Conformity	
wire arrangementbrown, black, blue, whiteCable identification634Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth36,3 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (sheath)± 5 %Attrial wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation10 ± 5 Shore DIngredient freeness wire insulation125 shore DIngredient freeness wire insulation10 ± 5 Shore D	Product standard	DIN EN 61076-2-101 (M12)
Cable identification634Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth36,3 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Installation   Cable	
Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth36,3 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 wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-free, silicone-free	wire arrangement	brown, black, blue, white
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Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   4     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Amount strands (wirs)	-	-
	Amount strands (wire)	42
Diameter of single wires 0,1 mm	Diameter of single Wires	U, E IIIII

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: 2024-05-19



Conductor crosssection (wire)	0,34 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	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
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