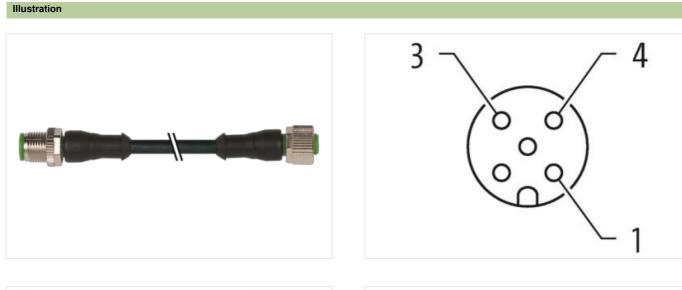


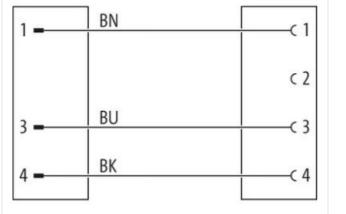
## M12 male 0° / M12 female 0° A-cod.

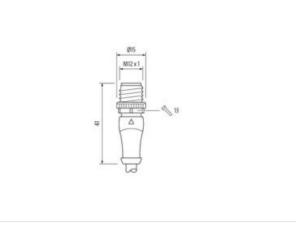
PUR 3x0.34 bk UL/CSA+drag ch. 15m

Male straight – female straight M12 – M12, 3-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

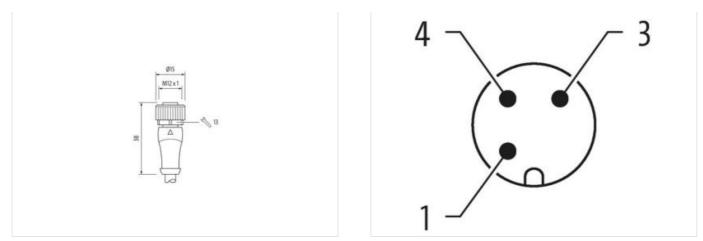






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-14





Product may differ from Image



Cable length	15 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
Coding	A
Material	PUR
No. of poles	3
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 Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
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

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: 2024-05-14



Packaging unit     1       Electrical data   Supply     250 V       Operating valuaga AD max.     250 V       Operating valuaga AD (Li-Li-Lieted)     30 V       Operating valuaga AD (Li-Li-Lieted)     30 V       Operating valuaga AD (Li-Li-Lieted)     30 V       Davice protection (Electrical     AA       Additional confidion protection degree     3       Packes protection   Electrical     Additional confidion addition AD (Lieted)       Material group (EC 05064+1)     1       Mechanical data   Material data     Colling to (Mitting and ango valuaga)       Operating valuaga AD (Lieted)     Additional Confidion addition AD (Lieted)       Material crise valuaga     2.5 kV       Mechanical data   Mounting andition AD (Lieted)     Second (Lieted)       Material crise (Strang AD (Lieted)     Addition ad (Lieted)       Material crise (Strang AD (Lieted)     Second (Lieted)       Material crise (Strang AD (Lieted)     Second (Lieted)       Material crise (Strang AD (Lieted)     Second (Lieted)	GTIN	4048879185387
Electrical data   Supply     Concention values of or max.     260 V       Operating values of or max.     260 V     Concention values of or max.     260 V       Operating values of OULessed     30 V     Concention values of output data of the output data of		
Operating voltage AC max.250 YOperating voltage AC max.260 VOperating voltage AC ULI steep30 VConcenting voltage AC ULI steep30 VConcenting voltage AC ULI steep30 VConcenting voltage AC ULI steep4 AInstitution I Connection4 AInstitution I Connection4 AAdditional condition protection degreeinserted, screwedPollation Degree3Ratef surge voltage2.5 K VMaterial group (EC 8064-1)1Institution DegreeNickeledCoating Colt Based2.6 K VMaterial group (EC 8064-1)1Institution DegreeNickeledCoating Colt BasedNickeledCoating Colt Based2.6 K VMaterial acrow connectionZine de-castingMaterial acrow connectionSine GenerationEveromental characteristics I ClimateUnperturing matherDorealing tomporature man.25 °CConsering tomporature mather25 °C <td></td> <td></td>		
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Convert operating voltage AC (UL-listed)     30 V       Convert operating voltage AC (UL-listed)     30 V       Mouring voltage AC (UL-listed)     30 V       Mouring voltage AC (UL-listed)     30 V       Device protection   Electrical     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Ratid sup over the State Sta		250 V
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL isted)     30 V       Control operating voltage DC (UL isted)     30 V       Installation I Connection     4 A       Mainter Device product max.     4 A       Additional condition protection of Bigere     Installation I Connection       Mounting set     M12 x 1       Device production [Electrical     Installation I Connection       Additional condition protection of Bigere     3       Rated surge voltage     2.5 kV       Machanic dottal Metrial data     Conting of Ring       Machanic dottal Metrial data     Conting of Ring       Coaling locking     Nickoled       Coaling locking     Nickoled       Coaling locking     Nickoled       Material scow connection     Zinc de caating       Material scow connection     Zinc de caating       Machanica data [ Mounting data     Inserted, scowed, Shaking protecton       Environmental characteristics [ Climate     Operating rementure max.       Operating rementure max.     25 °C       Operating rementure max.     25 °C       Operating remenature range     depending on cable patally		
Operating por contact max.     4 A       Installation (Contenction     Maintain (Contenction)       Mounting set     M12 x 1       Device protection   Electrical     Maintain (Contenction)       Additional contident protection degree     3       Rated surge portage     2.5 kV       Machinal group (ECC 6066-1)     1       Mechanical data [Material data     Coating to fitting       Coating to fitting     mickel plated       Coating to fitting     screwed, Shaking protection       Mounting set     #Screwed, Shaking protection       Coating to fitting     screwed, Shaking protection       Coating to metal metal     #SrC <		
Current operating per contact max.     4 A       Installation   Connection       Mourting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2.5 kV       Material group (EC 6066-1)     1       Mechanical data     Mickeled       Coating locking     Nickeled       Coating of filling     mickel plated       Locking material     Zinc die casting       Mechanical data   Mounting data     Mounting metho       Mounting metho     material, screwed. Shaking protection       Environmental characteristics   Climatic     Climatic       Operating temperature max.     45 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     Attention: Oserve the parnisable bending nacks, e.g. by the usage of cable tes.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Note on strain relief     DIN EN 61076-2101 (M12)       Installation (Cable     Coding in thes bending faces.       Col		
Installation [Connection]       Wouring set     M12 x 1       Device protection   Electrical     Inserted, screwed       Pollution condition protection diegree     3       Rated surge voltage     2.5 kV       Material group [ICE 60666-1)     1       Mechanical data [Material data]     Mockela       Coaling of fitting     nickelad       Coaling of fitting     nickelad       Coaling of string     nickelad       Material screw connection     Zine die casting       Material screw connection     Zine die casting       Material screw connection     Zine die casting       Portont Installation notes     Sine Concentre       Coersting temperature max.     25 ° C       Coerstrain testaldation notes     Attention: Cose		
Moning adt     M12 x 1       Porecection   Electrical     Instanced scrowed       Additional condition protoction algage     instanced scrowed       Politation Degree     3       Rated surge voltage     2.5 kV       Material group (JEC 6064-1)     I       Material group (JEC 6064-1)     Indexed and protoction algome       Machanica data   Material data     Cantang of thirdi       Coating of thirdi     Cantang of thirdi       Coating of thirdi     Cantang of thirdi       Material group (JEC 6064-1)     Tin die-casting       Material group (JEC 6064-1)     Tin die-casting       Material screw connection     Zins die-casting       Material screw connection     Tin die-casting       Material screw connection     Sins die Jateria       Porecention temperature man.     25 °C       Operating temperature man.     25 °C       Operatin testallation onder		
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Reade surge vortage     2.5 kV       Material group (IEC 6068-1)     1       Mechanical data   Material data     Conting locking       Cataling locking     Nickeled       Cataling locking of titing     nickel plated       Locking material     Zinc die casting       Material screw connection     Zine casting       Materi		M12 x 1
Additional condition protection degree     inserted, screwed       Poliution Degree     3       Related surge voltage     2.5 kV       Material group (EC 60664 1)     1       Mechanical data [Material data     Coating locking       Coating locking     Nickledd       Coating locking     nickle plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material connections for material     Zinc die-casting       Material screw connection     Since connection       Material screw connection     Since connection       Materisconnection     Since connectors by suitable measures		
Pollution Degree 3   Rated surge voltage 2.5 kV   Material group (E 60664-1) 1   Mechanical data   Material data Coating of fitting   nickel store (E 60664-1) 1   Coating of fitting nickel plated   Coating of fitting nickel plated   Coating of fitting nickel plated   Coating of fitting Tine die-aasting   Material storew connection Zine die-aasting   Mounting method Inserted, screwed, Shaking protection   Environmental characteristics   Climatic Operating temperature min.   Operating temperature min. -25 °C   Operating temperature max. 85 °C   Additional condition temperature may. depending on cable quality   Important installation notes Note on strain rolled   Note on strain rolled Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fes.   Contormity Note contain relief   Product standard DIN EN S1076-2-101 (M12)   Installation   Cable 633   Cable Type 3   Jackel Color black   Type of Certificate cURus   Anount straing 1   Straing 3 wires twisted   wires wraing enteringeneet 92 °C °I	· ·	inserted, screwed
Bated aurge voltage     2,5 kV       Material group (EC 6064-1)     1       Mechanical data   Moterial data     Coating locking       Coating of fitting     nickel plated       Locking material     Zinc die casting       Material screw connection     Zinc die casting       Material screw connection     Zinc die casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Glimatic     Operating temperature max.       Qperating temperature max.     85 °C       Addition temperature max.     85 °C       Contornity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.		
Material group (EC 60864-1)     I       Mechanical data   Material data     Inckeled       Coaling of King     Nickeled       Coaling of King     Nickeled       Cacaling of King     Nickeled       Cacaling of King     Nickeled       Mechanical data   Mouring data     Incodie casting       Mounting method     Inserted, sorewed, Shaking protection       Environmental characteristics   Climatic     Operating temperature main.       Operating temperature main.     25 °C       Operating temperature main.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be erdangered by excessive bending forces.       Conformity     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable Type       Cable Type     3       Jacket Color     black		2.5 kV
Mechanical data   Material data       Coating of fitting     Nickeled       Coating of fitting     nickel plated       Coating of fitting     Zinc die-casting       Material scorew connection     Zinc die-casting       Mechanical data   Moutring data     Ince die-casting       Mechanical data   Moutring data     Ince die-casting       Mounting method     inserted, screwed, Shaking protection       Coparating temperature max.     85 °C       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 fies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.       Cationality     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.       Cable of Mitficaton     Ga3       Cable of Cofr     Dack       Type of Certificato     URus       Amount stranding     1       Traversing distance (C-track)     10 m @ 25 °C   horiz		
Coating locking     Nickeled       Coating of fitting     nickel pitted       Locking material     Zinc die-casting       Matrial screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature man.     -25 °C       Operating temperature man.     -25 °C     -Coperating temperature man.     65 °C       Additional condition temperature mage     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 fies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.       Contornity     Internor: Observe the permissible bending radit when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contornity     Internor: Observe the permissible bending radit when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable identification     633       Cable identification     633       Cable identification     10 ack       Type of Certificate     cURus       Amount str		
Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature min.     -25 °C     -25 °C       Operating temperature min.     -25 °C     -25 °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 endangered by excessive bending forces.       Commy     Product standard     DIN EN 61076-2-101 (M12)       Installation Cable     Cable identification     633       Cable identification     633		Nickeled
Locking material     Zinc die-casting       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 max.     85 °C       Additional condition temperature max.     85 °C     Additional condition temperature max.     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 bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bonding forces.       Conformity     Installation I Cable     Cable identification     633       Cable identification     633     Cable identification     633       Cable of Corior     black     Type of Certificate     cURus       Amount stranding     1     Stranding     swires twisted       wire arrangement     brown, black, blue     Traversing distance (C-track)     10 m @ 25 °C   notzontal       Cable weigh     29,7 g/m     Addienal disched     PUR     Shor		
Material screw connection     Zinc die-casting       Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature 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     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Cable identification     633       Cable identification     633       Cable identification     633       Cable identification     9 wire straining     1       Stranding     1     Stranding     1       Stranding     1     Stranding     1		
Mechanical data   Mounting data       Mounting method     inserted, screwed. Shaking protection       Environmental characteristics   Climatic     Comparing temperature min.     -25 °C       Operating temperature max.     86 °C     Additional condition temperature range     depending on cable quality       Important Installation notes     Mounting 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.       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 the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Strentification     G33		
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.       Note on shording radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangeroed by excessive bending forces.       Conformity     Product strandard     DIN EN 61076-2-101 (M12)       Installation   Cable     DIN EN 61076-2-101 (M12)       Cable identification     633     Cable ties.       Cable identification     G33     Cable ties.       Type of Certificate     cUPRus     Attention: Cab		
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Motion temperature range     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.     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation (Cable   Cable identification   633     Cable identification   633   Cable identificate     Colficate   URus   Amount strainding   1     Stranding   3 wires twisted   More by 5° C (I horizontal     Cable weigth   29,7 g/m   Material jacket   PUR     Shore hardness jacket   PUR   Shore A   Freedom free, silicone-free     Cuter diameter (jacket)   10 m @ 25 °C (I horizontal   Cable ender-free, silicone-free   Cuter diameter (jacket)     Chardness jacket   PUR   Shore A   Freedom from ingredients (jacket)   Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		inserted screwed Shaking protection
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature may.depending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityInstallation [ CableProduct standardDIN EN 61076-2-101 (M12)Installation [ CableCable TypeCable forpe3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigh29.7 g/mMaterial jacketPURShore Andress jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter diameter (sheath)± 5 %Material wire insulationPPAnount wires3Outer diameter (sheath)± 5 %Material wire insulationPPAnount wires3Outer diameter (insulationPPAnount wires3Outer diameter insulationPPAnount wires3	-	
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.       Nate on bending radius     Aftertion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     633       Cable Identification     633       Cable Identificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable weight     29, z y m       Material jackt     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     4.1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material jackt     PP       Amount wires     3 <td< td=""><td>· · · ·</td><td></td></td<>	· · · ·	
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 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 I Cable     Cable identification     633       Cable Identification     633     Cable X       Amount stranding     1     Stranding     1       Stranding     3 wires twisted     Stranding     1       Write arrangement     brown, black, blue     Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable weigth     29,7 g/m     Material jacket     90 ± 5 Shore A     Freedom from ingredients (jacket)     4.1 mm       Tolerance outer diameter (jacket)     4.1 mm     Tolerance outer diameter (jacket)     4.5 %       Attention:     3 S     Sole     3 S     Sole     Sole     Acting and a diameter (jacket)     4.1 mm       Tolerance outer diameter (jacket)     4.1 mm     Tolerance oute		
Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable Type     3       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable weigth     29,7 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     1ead-free, cadmium-free, CFC-free, halogen-free       Outer diameter (jacket)     4,1 mm       Tolerance outer diameter (sheath)     ± 5 %       Amount wires     3		
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     Image: Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification     633       Cable Type     3     Jacket Color     black       Type of Certificate     cuRus     CuRus       Amount stranding     1     Stranding     3 wires twisted       Wrie arrangement     brown, black, blue     Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable wigh     29,7 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 (jacket)     4,5 %       Material wires     3     Outer diameter insulation     PP		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     Cable identification     633       Cable identification     633     Cable identification     633       Cable of Corin     black     CuPus	Important installation notes	
Note of indentional radiusendangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-101 (M12)Installation   CableCable identification633Cable identification633Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth29,7 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 mm	Note on strain relief	
Product standardDIN EN 61076-2-101 (M12)Installation   CableCable identification633Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth29,7 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)4,1 mmTolerance outer diameter (sheatth)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mm	Note on bending radius	
Installation   CableCable identification633Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth29,7 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 insulation1,25 mm	Conformity	
Cable identification633Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth29,7 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mm	Product standard	DIN EN 61076-2-101 (M12)
Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth29,7 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 mm	Installation   Cable	
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth29,7 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mm	Cable identification	633
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth29,7 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mm	Cable Type	3
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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 mm	Traversing distance (C-track)	10 m @ 25 °C   horizontal
Shore 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 mm	Cable weigth	29,7 g/m
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	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	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	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 (jacket)	4,1 mm
Amount wires 3   Outer diameter insulation 1,25 mm	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm	Material wire insulation	PP
	Amount wires	3
Outer diameter tolerance core insulation ± 5 %	Outer diameter insulation	
	Outer diameter tolerance core insulation	± 5 %

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: 2024-05-14



Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
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	6 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   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