

## M12 male 0° / M8 female 0° A-cod.

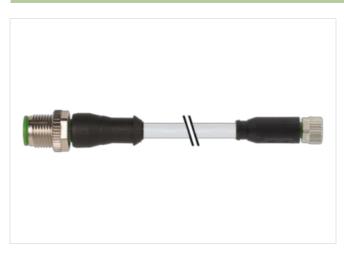
PUR 4x0.25 gy UL/CSA 6m

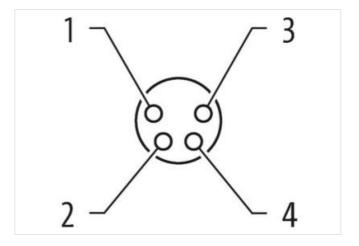
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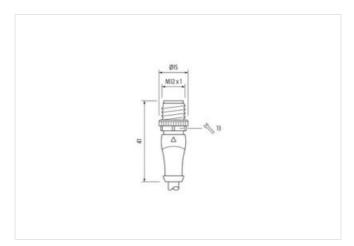
Male straight – female straight M12 – M8, 4-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration

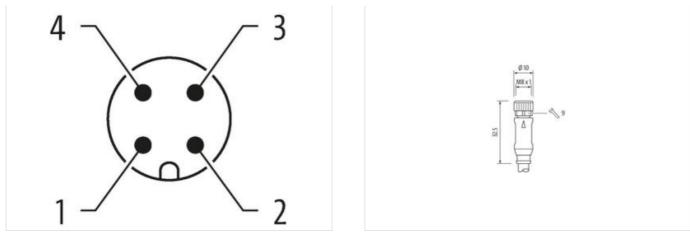












Product may differ from Image



Cable length	6 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	 
Family construction form	M12	 
Thread	M12 M12 x 1	 
suitable for corrugated tube (internal Ø)	10 mm A	 
Coding		 
Material contact	Copper alloy	 
Material	PUR	
No. of poles	4	 
Width across flats	SW13	 
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Side 2		
Fightening torque	0,4 Nm	
Mounting method	inserted, screwed	
Family construction form	M8	 
Thread	M8 x 1	
suitable for corrugated tube (internal Ø)	6,5 mm	 
Coding	A	
Naterial contact	Copper alloy	 
Naterial	PUR	 
No. of poles	4	 
Width across flats	SW9	 
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	 
Commercial data		
ECLASS-6.0	27279218	
ECLASS-6.1	27279218	 
ECLASS-7.0	27279218	 
ECLASS-8.0	27279218	 
ECLASS-9.0	27060311	
ECLASS-10.1	27060311	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26

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ECLASS 12.02700011ECIAS.0ECOUPS5cardoms (and numberECOUPS5CTN404827982218Packaging unit1Electrical catal SupplySolutionConstanty outgace AC max.50 VOperating voltage AC max.50 VOperating voltage AC max.60 VOperating voltage AC Max.70 VMaterial gravity (EC 60641)1Iteration AC Max Patter1Material gravity (EC 60641)1Iterating AC Max.70 VMaterial gravity (EC 60641)1Material gravity (EC 60641)1Iterating AC Max.20 CCataling AC Max.10 VMaterial gravity (EC 60641)1Material gravity (EC 60641)1Material gravity (EC 60641)1Cataling AC Max.1Materi	ECLASS-11.1	27060311
oxatans staff number95448290GTN404827652218Poloading unit1Electrical data [Suppi)Operating voltage AC max.60 VOperating voltage AC max.60 VOperating voltage AC max.60 VOperating voltage AC (U. lester)30 VOperating voltage AC (U. lester)30 VCurrent operating voltage AC (U. lester)30 VOperating voltage AC (U. lester)30 VOperating voltage AC (U. lester)30 VCurrent operating voltage AC (U. lester)30 VOperating voltage AC (U. lester)30 VOperating voltage AC (U. lester)1Statis indication LEDnoDevice protection   ElectricalAddinatal contilion protection degree3Rated argo voltage AC (U. lester)1Mechanical data15 kVMechanical data16 koleldCosting lockingNickel fatedMaterial gasketFKMCosting lockingNickel fatedMaterial dataCric dis castingMechanical data   Mounting dataCric dis castingMechanical data   Mounting dataS° CContornetic locance range9Porating temperature max.85 °CAdditional contilion temperature range40Additional contilion temperature range921Casting fragmentic921Casting fragmentic9Porating temperature range921Casting fragmentic921Casting fragmentic921Casting	ECLASS-12.0	27060311
GTIN   4048879502216     Packaging unit   I     Electrical data   Supply   Construction     Operating voltage AC (IL-Isted)   50 V     Operating voltage PC (IL-Isted)   50 V     Descree protection [Electrical   restruction     Additional condition protection degree   insaried, screwed     Palution Degree   3     Electrical data   Material data   Control     Colling locking   Nickeled     Colling locking   Nickeled <td>ETIM-5.0</td> <td>EC001855</td>	ETIM-5.0	EC001855
Packaging unit       1         Electrical data [Supply          Electrical data [Supply          Operating voltage AC max.       60 V         Operating voltage AC (ul. related)       30 V         Operating voltage AC (ul. related)       30 V         Corrent operating origo CU UL-Isteed)       30 V         Disposation          Status indication LED       no         Divice protection [Electrical          Addition all and ition protection degree       inserted, screwed         Polution Dugree       3         Rated surge voltage       3         Rated surge voltage       3         Rated surge voltage       1.5 kV         Material group (EC 6068+1)       1	customs tariff number	85444290
Electrical data [Supply         Operating voltage AC max.       50 V         Operating voltage AC (ML-listed)       30 V         Operating voltage AC (ML-listed)       30 V         Operating voltage AC (ML-listed)       30 V         Comment operating period max       4 A         Diagnostics       o         Diviso protection Electrical       inserted, screwed         Polition Degree       3         Ratad stage voltage       1,5 kV         Material group (EC 60664-1)       1         Mechanical data IMaterial data       Commentation and and and and and and and and and an	GTIN	4048879632218
Operating voltage AC max.S0 VOperating voltage AC (UL-lated)30 VOperating voltage AC (UL-lated)30 VOperating voltage AC (UL-lated)30 VCurrent operating per contact max.4 ADespositioVStatus indication LEDnoDevice protection   ElectricalNoAdditional condition protector odegree3Rated argue voltage1.5 kVMaterial group (EEC 6064-1)1Netheral protection   ElectricalNoDevice protection   ElectricalNoDevice protection   ElectricalNoMaterial group (EEC 6064-1)1Netheral group (EEC 6064-1)1Netheral group (EEC 6064-1)1Netheral dataNocleadCoating od RingNocleadCoating od RingNocleadCoating data (EEC 6064-1)1Netheral group (EEC 6064-1)2Nooring (EEC 6064-1)2Nooring (EEC 6064-1)25 COperating (EEC 6064-1)25 C <tr< td=""><td>Packaging unit</td><td>1</td></tr<>	Packaging unit	1
Operating voltage DC max       60 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostics          Status indication LED       no         Device protection   Electrical          Additional condition protocition degree       inserted, sorwed         Poliution Degree       3         Reted surge voltage       1.5 kV         Material group (EC 60664-1)       I         Mechanical data       Iskel         Costing locking       Nickeled         Costing locking       Nickeled         Costing locking       Nickeled         Material gaskit       FKM         Locking material       Zinc die casting         Material gaskit       Iskit         Material gaskit       Iskit         Material gaskit       Iskit         Policatin Degree       digending on cable quality         Dechanical data       Jone die casting         Material askit       Iskit         Departing interparature max.       B5 °C         Operating tomperature max.       B5 °C         Additional condition tomperature may       depe	Electrical data   Supply	
Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Diagnostics          Status indication LED       no         Devices protection   Electrical          Additional condition protection degree       inserted, serveed         Poliution protection degree       3         Rated surge voltage       1, 5 kV         Material group (ECE 60664-1)       1         Mechanicial dial   Material data       Conting lock (PLE 60664-1)         Conting lock (PLE 60664-1)       1         Mechanicial dial   Material data       Nickeled         Conting lock (PLE 60664-1)       1         Mechanicial dial   Mounting data       PKM         Locking material       Zinc die casting         Material screw connection       Zinc die casting         Mechanical data   Mounting data       Biserial, screwed, Shaking protection         Environmental characteristics   Climation       25 °C         Operating temperature max.       85 °C         Additional condition temperature may.       65 °C         Conformity       Protection (M12), DN EN 610762-114 (M8)         Inserted Codir       gray         Type of Certificat	Operating voltage AC max.	50 V
Operating voltage DC (UL-Islach)       30 V         Current operating per contact max.       4 A         Diagnostics       Status indication LED       no         Device protection   Electrical       Additional condition protection degree       inserted, screwed         Additional condition protection degree       inserted, screwed       Periadical Condition protection degree       inserted, screwed         Material group (IEC 60664-1)       I       I       Mechanical data (Material data       Coating of Itting       nickel plated         Material group (IEC 60664-1)       I       Nickeled       Coating of Itting       nickel plated         Material group (IEC 60664-1)       I       Nickeled       Coating of Itting       nickel plated         Material active connection       Znic die-casting       Material active connection       Znic die-casting         Material active connection       Znic die-casting       Material active connection       Znic die-casting         Material active connection       Znic die-casting       Material active connection       Znic die-casting         Material active connection       Znic die-casting       Material passet       Si C         Coperating temperature min.       -25 °C       Coperating temperature min.       -25 °C	Operating voltage DC max.	60 V
Current operating per contact max.       4 A         Dispositics       status indication LED         Status indication LED       no         Device protection [Electrical	Operating voltage AC (UL-listed)	30 V
Diagnostics         Status indication LED       no         Device protection I Electrical         Additional condition protoction degree       3         Rated surge voltage       1,5 kV         Material group (EC 06064.1)       1         Coating looking       Nickeled         Coating noting       Nickeled         Coating looking       Nickeled         Coating looking       Nickeled         Coating noting       Nickendo         Dipertige temperature ma	Operating voltage DC (UL-listed)	30 V
Statu indication LED       no         Detail condition protection degree       inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (EC 6064-1)       1         Dechanical data   Material data       Material group (EC 6064-1)         Material group (EC 6064-1)       1         Dechanical data   Material data       Incode-casting         Material group (EC 6064-1)       Incode-casting         Material group (EC 6064-1)       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Sinc die-casting         Mouning metho       Inserted, screwed, Shaking protection         Everonmental characteristics   Climatu       Sinc Gio         Operating temperature min.       -25 °C         Cable identificatin       Disc 1076-2-1114 (M2), DIN EN 61076-2-114 (M	Current operating per contact max.	4 A
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Redd surge voltage       1,5 kV         Material group (EC 60664-1)       1         Mochanical data   Material data          Coating of fitting       nickel plated         Coating of fitting       nickel plated         Coating of fitting       nickel plated         Material group (EC 60664-1)       Zinc dia-casting         Material group material       Zinc dia-casting         Material group concention       Zinc dia-casting         Material group material       Zinc dia-casting         Mouting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Concentity         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Additio	Diagnostics	
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Bated surge voltage   1,5 kV     Material group (E 60684-1)   1     Mochanical data (Material data     Conting (C 60684-1)     Online C 60684-1)     Conting (C 60684-1)     Mochanical data (Material data     Conting (C 60684-1)     Mochanical data (Material data     Mochanical data (Material screwed, Shaking protection     Material screwed, Shaking protection     Mechanical data (Mounting data     Mochanical data (Mounting data     Mounting method     Mechanical data (Mounting data     Mounting method     Sertection (C 25 °C)     Operating temperature man.     A5 °C     Operating temperature man. <	Status indication LED	no
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (EC 60664-1)   1     Mechanical data [Material data   Incode pate definition     Coating looking   Nickeled     Coating of fitting   nickel pate definition     Material gaset   FKM     Locking material   Zinc die-casting     Material gaset   TKM     Locking material   Zinc die-casting     Material gaset   Sinc die-casting     Material partice main.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature max.   85 °C     Conformity   Conformity     Product standard   DIN EN 61076-2:101 (M12). DIN EN 61076-2:114 (M8)     Installation [Cable   221     Cable fuelt   Colificate     Color   gray     Type of Certificate   Clifus     Anount stranding   1     Stranding   1     Stranding   4     Material jacket	Device protection   Electrical	
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (EC 60664-1)   1     Mechanical data [Material data   Incode pate definition     Coating looking   Nickeled     Coating of fitting   nickel pate definition     Material gaset   FKM     Locking material   Zinc die-casting     Material gaset   TKM     Locking material   Zinc die-casting     Material gaset   Sinc die-casting     Material partice main.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature max.   85 °C     Conformity   Conformity     Product standard   DIN EN 61076-2:101 (M12). DIN EN 61076-2:114 (M8)     Installation [Cable   221     Cable fuelt   Colificate     Color   gray     Type of Certificate   Clifus     Anount stranding   1     Stranding   1     Stranding   4     Material jacket	•	inserted, screwed
Rated surge volkage     1.5 kV       Material group (IEC 60684-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Coating locking     Nickeled     Coating locking       Coating locking     Nickeled     Coating locking       Material gaaket     FKM     Locking material     Zinc die-casting       Material screw connection     Zinc die-casting     Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting     Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting     Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection     Environmental characteristics   Climatic       Operating temperature min.     -25 ° C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Controm       Contomity     Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     Cable dentification     221       Cable dentification     221     Cable dentification     21       Cable dentification     Q21     Cable dentification		
Material group (IEC 60664-1)       I         Mechanical data   Material data          Coating of lifting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material gasket       FKM         Mechanical data   Mounting data       Mice inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coperating temperature min.         Qperating temperature min.       -25 °C         Operating temperature min.       -25 °C         Cabler Intermentax       -85 °C         Additional condition temperature range       depending on cable quality         Cational condition temperature max.       -85 °C         Cable divertification       -221         Cable divertification       -221         Cable divertification       -221         Cable divertification		1,5 kV
Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material serve connection       Zinc die-casting         Mechanical data   Mounting data       Incertex, serveed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       INE N 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       Zable from         Cable from       21         Cable from       2         Jacket Color       gray         Type of Carrificate       CURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable rope       4.5 °D Sore A         Freedom from ingredientes (acket)       4.5 °M         Material jacket       PUR         Shore hardneses jacket       85 ± 5 Shore A         Fre	Material group (IEC 60664-1)	I
Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material serve connection       Zinc die-casting         Mechanical data   Mounting data       Incertex, serveed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       INE N 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       Zable from         Cable from       21         Cable from       2         Jacket Color       gray         Type of Carrificate       CURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable rope       4.5 °D Sore A         Freedom from ingredientes (acket)       4.5 °M         Material jacket       PUR         Shore hardneses jacket       85 ± 5 Shore A         Fre		
Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material serve connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.       85 °C         Additional condition temperature may       depending on cable quality         Conformity       Product standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       Cable Type       2         Cable of dentification       221       Cable Type         Cable Type       2       Jacket Color         gravy       Type of Certificate       cURus         Amount stranding       1       Stranding         Ver arrangement       brown, black, blue, white       Cable weigh         Gable weigh       32.01 g/m       Material jacket         Ver diameter (jacket)       4.6 mm       Tolerance uter diameter (sheatt)         Outer diameter (jacket)       4.6 mm       Tolerance uter diameter (sheatt)		Nickeled
Material gasket       FKM         Locking material       Zinc die-casting         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         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       Cable identification         Cable identification       221         Cable Identification       221         Cable Identification       21         Stranding       4 wires twisted         wire arrangement       Down, black, blue, white         Cable Verificate       QU from         Material jacket       9 UR         Shore hardness jacket       85 ± 5 Shore A		
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 max.       85 °C       Additional condition temperature range       depending on cable quality         Conformity       Product standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable         Cable idontification       221       Cable Type       2         Cable Idontification       221       Cable Type       2         Jacket Color       gray       Type of Certificate       CURus         Amount stranding       1       Stranding       4 wires twisted         wire arrangement       brown, black, blue, white       Cable wight       32,01 g/m         Material jacket       PUR       Store Aardnees jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)       4,6 mm         Tolerance outer diameter (sheath)       ± 5 %       Material wire insulation       PVC         Amount wires       4 <td></td> <td></td>		
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 range       depending on cable quality         Conformity       Product standard       DIN EN 61076-2-114 (MB)       Installation   Cable         Cable identification       221       Cable identification       221         Gable Type       2       Jacket Color       gray         Type of Cartificate       cURus       Amount stranding       1         Stranding       4 wires twisted       Wire arrangement       Drown, black, blue, white         Cable weigth       32,01 g/m       Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A       Freedom from ingredients (jacket)       L8 mm         Tolerance outer diameter (sheath)       ± 5 %		
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         Conformity          Product standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable          Cable identification       221         Cable Type       2         Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         Ware arrangement       brown, black, blue, white         Cable weigth       32,01 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       4.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PVC         Amount wires       4         Outer diameter insulation       1,25 mm		-
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         Conformity          Product standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable          Cable identification       221         Cable Installation   Cable          Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable wighth       32.01 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       4.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PVC         Amount wires       4         Outer diameter insulation       1,25 mm	Mechanical data   Mounting data	
Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification221Cable identification221Cable I Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth32.01 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.6 mmTolerance outer diameter (sheath)± 5 %Atterial wires4Outer diameter insulationPVCArmount wires4Outer diameter insulation1,25 mm		inserted, screwed. Shaking protection
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification221Cable identification221Cable Identification221Cable Of CorrgrayType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth32,01 g/mMaterial jacketPURShore A Armoness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.6 mmTolerance outer diameter (sheath)± 5 %Amount wires4Outer diameter insulationPVCAmount wires4Outer diameter insulation1.25 mm		
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable       Cable identification     221       Cable identification     221       Cable I Type     2       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     32,01 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,6 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1,25 mm		
Additional condition temperature range     depending on cable quality       Conformity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable       Cable identification     221       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     32,01 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1,25 mm		
Conformity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable       Cable identification     221       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     32,01 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,6 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1,25 mm		
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification221Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth32,01 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mm		
Installation   Cable       Cable identification     221       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     32,01 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,6 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1,25 mm		
Cable identification221Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth32,01 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mm		DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth32,01 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mm	Installation   Cable	
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth32,01 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mm	Cable identification	221
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Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   4,6 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1,25 mm		
Outer-diameter (jacket)   4,6 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1,25 mm		
Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1,25 mm		lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1,25 mm		-
Amount wires   4     Outer diameter insulation   1,25 mm		
Outer diameter insulation 1,25 mm		
Outer diameter tolerance core insulation ± 5 %		
	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: 2024-06-26

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Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
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
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	2 Mio. @ 25 °C
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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