

## M8 male 90° / M12 female 0° A-cod.

PUR 4x0.25 bk UL/CSA 2m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

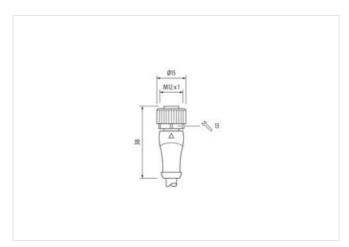
Male 90° – female straight M8 – M12, 4-pole A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

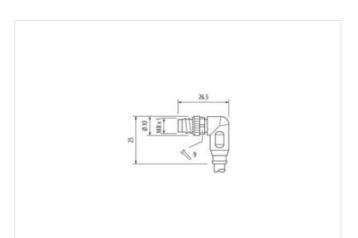
## Link to Product

Illustration



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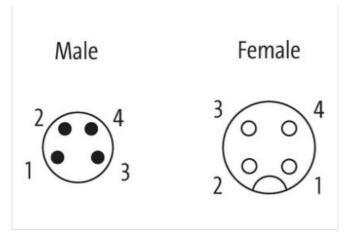




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20

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Product may differ from Image



Cable length	2 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Nounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311

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caterors644499GNINA04897120397Packaging unit1Electrical dataStoppyQuenting voltage AG50 VOperating voltage DC50 VOperating voltage DC50 VOperating voltage DC30 VOperating voltage DC30 VOperating voltage DC30 VOperating voltage DC30 VOperating voltage DC4 ADesceptorating per contex max.4 ADesceptorating per contex max.4 ADesceptorating per contex max.4 ADesceptoration (EN IEC 50550)PR5. IP67. IP68. IP66KAdditional condition protection degreeinserted. crowedPolition Degree1.5 KVMaintal aroup (IEC 60664)1.Nechanical data (IMeerial datainserted. crowedPolition Degreepolitical Neuroid dataMaterial aroup (IEC 60664)1.Nechanical data (IMeerial datainserted. crowed.Maintal aroup (IEC 60664)1.Nechanical data (IMeerial datainserted. crowed.Maintal aroup (IEC 60664)1.Desceptoration (IEC 60664)1.Maintal aroup (IEC 60664)1.Desceptoration (IEC 60664)1.Desceptorati	ETIM-5.0	EC001855
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Electrical data   Supply         Operating voltage AC       50 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Control operating per contact max.       4 A         Disposite       F         Status indication LED       no         Device protection [Electrical       F         Device operation (Electrical       F         Marchal grappe (Electrical       S         Marchal grappe (Electrical       S         Device operation (Electrical       S         Device operation (Electrical       S         Marchal grappe (Electrical       S         Device operation (Electrical       S         Device operation (Electrical       <	GTIN	4048879120937
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Operating voltage DC       60 V         Operating voltage DC (UL-listed)       30 V         Carrent operating per contact max.       4 A         Diagnostics       mo         Device protection [Electrical       mo         Device protection [Electrical       Politics (NE C 60029)         Additional conting protection gene       inserted, screwed         Politics in protection [Electrical       Politics protection [Electrical         Read surge voltage A       3         Read surge voltage A       1         Mechanical data [Material data       Control topics (Stressen)         Conting toding       1.5 kV         Material group (EC 606864-1)       1         Mechanical data [Mounting data       Tice de-casting         Material pasket       FIGM         Material pasket       FIGM         Material pasket       FIGM         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Clinact       Clinact         Operating tomperature min.       28 °C         Operating tomperature min.       28 °C         Operating tomperature max.       88 °C         Additonal condititon interporature range       deparedin	Electrical data   Supply	
Operating voltage DC       60 V         Operating voltage DC (UL-listed)       30 V         Carrent operating per contact max.       4 A         Diagnostics       mo         Device protection [Electrical       mo         Device protection [Electrical       Politics (NE C 60029)         Additional conting protection gene       inserted, screwed         Politics in protection [Electrical       Politics protection [Electrical         Read surge voltage A       3         Read surge voltage A       1         Mechanical data [Material data       Control topics (Stressen)         Conting toding       1.5 kV         Material group (EC 606864-1)       1         Mechanical data [Mounting data       Tice de-casting         Material pasket       FIGM         Material pasket       FIGM         Material pasket       FIGM         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Clinact       Clinact         Operating tomperature min.       28 °C         Operating tomperature min.       28 °C         Operating tomperature max.       88 °C         Additonal condititon interporature range       deparedin	Operating voltage AC	50 V
Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Construint operating voltage AC (UL-listed)       30 V         Diagnostics       no         Device protecting Electrical          Degree of protection (EN IEC 60529)       IP65, IP67, IP68, IP66K         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated sturge voltage       1,5 kV         Matchail goaket       FKM         Matchail goaket       FKM         Material policy       Nickeled         Material policy       Nickeled         Material goaket       FKM         Material goaket       FKM         Material policy       Nickeled         Material policy       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Conting protection         Deparition temperature min.       25 °C         Operating temperature min.       25 °C         Operating temperature min.       25 °C         Operating temperature max.       85 °C         Additional condition temperature range       deponding on cable quality         In		60 V
Operating vorlage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostics       Status indication LED       no         Device protection   Electrical       Device protection   Electrical       Device protection   Electrical         Degree of protection   Electrical       IPES_IPS7_IPS8_IP66K       Additional condition protection degree       inserted, scrowed         Pollution Degree       3       Rated surge vorlage       1.5 kV         Material group (EC 60664-1)       1       IPES_IPS7_IPS8_IP66K       Additional condition protection degree       inserted, scrowed         Coaling locking       Nickeled       IPES_IPS7_IPS8_IP66K       Additional condition protection degree       inserted, scrowed, Staking protection         Material paskel       PKM       Inserted, scrowed, Staking protection       IPER         Material housing       PUR       Inserted, scrowed, Staking protection       IPER         Mounting method       inserted, scrowed, Staking protection       IPER       IPER         Deparing temperature max.       85 °C       Addition ad condition temperature max.       85 °C         Operating temperature max.       85 °C       Condition addition (Condition temperature range       Geopring on cable quality       Intelefe		30 V
Current operating per contact max.       4 A         Diagnosities       Status indication LED       no         Device protection [Electrical       PRS, IP67, IP68, IP66K       Additional condition protection degree       inserted.screwed         Additional condition protection degree       inserted.screwed       Polution Degree       3         Rated surge voltage       1,5 kV       Material group (100 condet)       I         Mechanical data   Material data       Contany (100 condet)       I       Image: Condet (100 condet)       Image: Condet (100 condet) </td <td>Operating voltage DC (UL-listed)</td> <td>30 V</td>	Operating voltage DC (UL-listed)	30 V
Stabi indication LED       no         Device of protection   Electrical       IP65, IP67, IP68, IP66K         Degree of protection (Ele C60529)       IP65, IP67, IP68, IP66K         Additional condition protection degree       isserted, screwed         Pollution Degree       3         Bated surge voltage       1, 5 kV         Material group (EC 60664.1)       1         Mechanical data   Material data       Nickaled         Material group (EC 60664.1)       1         Mechanical data   Material data       FKM         Material group (EC 60664.1)       1         Mechanical data   Mouting data       Zine die casting         Mechanical data   Mouting data       Sine die casting         Mechanical data   Mouting data       Sine die casting         Mechanical data   Mouting data       Sine die casting         Mounting method       isserted, screwed, Shaking protection         Enviromental characteristics   Climatic       Operating temperature max.         Operating temperature max.       85 °C         Cable dentification       621         Cable Operature max.       621         Cable Operature max.       624         Cable Operature max.       635 S Shore A		4 A
Device protection [Electrical         Degree of protection (EN IEC 60529)       IP65, IP67, IP68, IP66K         Additional condition protection degree       inserted, screwed         Polition Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60564+1)       I         Mechanical dist [Material data       Editation Degree         Coaling locking       Nickeled         Material housing       PUR         Locking material       Zinc die-casting         Mechanical dista [Material housing       PUR         Locking material       Screwed, Shaking protection         Environmental characteristics [Climatic       Environmental characteristics [Climatic         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Installation [Cable       Eavice         Cable fortification       621         Cable Type       2         Locking       Locking         Installation [Cable       EURus         Amount stranding       1         Stranding       4 wires twisted         wires arangement       Drow, Dack, blue, white         Cable weight <td>Diagnostics</td> <td></td>	Diagnostics	
Degree of protection (EN IEC 60529)       IP85, IP67, IP68, IP66K         Additional condition protection degree       inserted, screwed         Poluxion Degree       3         Rated surge voltage       1, Sk V         Material group (IEC 6064-1)       1         Mechanical data   Material data       Voltage         Cating locking       Nickeled         Material gasket       FKM         Material tousing       PUR         Locking method       inserted, screwed, Shaking protection         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coperating temperature min.         Operating temperature main.       -25 °C         Operating temperature main.       -25 °C         Operating temperature main.       621         Cable identification       621         Cable identification       621         Cable Color       black         Type of Certificate       cURus         Amount stranding       4 wire stread         Vire arrangement       brown, black, blue, white         Cable dength       32,01 g/m <td>Status indication LED</td> <td>no</td>	Status indication LED	no
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60684-1)   1     Mechanical data   Material data   Coaling locking     Nickeled   Nickeled     Material gastet   FKM     Material dasket   Jack     Mechanical data   Muering data   Zinc die-casting     Mechanical data   Muering data   Mechanical data   Muering data     Mechanical data   Muering data   Jack encode, Staking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Cable Identification   621     Cable Tope   2     Jacket Color   black     Type of Cottificate   cURus     Amount stranfing   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weight   32,01 g/m     Material jacket   PUR     Shore hardness jacket   4.6 mn     Tolerance outer diameter (jacket)   Led Aree, cadmium-free, CFC-free, silicone-free     Outer diameter lolenation   2.5 % </td <td>Device protection   Electrical</td> <td></td>	Device protection   Electrical	
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60684-1)   1     Mechanical data   Material data   Coaling locking     Nickeled   Nickeled     Material gastet   FKM     Material dasket   Jack     Mechanical data   Muering data   Zinc die-casting     Mechanical data   Muering data   Mechanical data   Muering data     Mechanical data   Muering data   Jack encode, Staking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Cable Identification   621     Cable Tope   2     Jacket Color   black     Type of Cottificate   cURus     Amount stranfing   1     Stranding   4 wires twisted     wire arrangement   brown, black, blue, white     Cable weight   32,01 g/m     Material jacket   PUR     Shore hardness jacket   4.6 mn     Tolerance outer diameter (jacket)   Led Aree, cadmium-free, CFC-free, silicone-free     Outer diameter lolenation   2.5 % </td <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP67, IP68, IP66K</td>	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Inckeled       Coating locking     Nickeled       Material group (IEC 60664-1)     FKM       Material lousing     PUR       Locking material     Zinc dio-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Cable denditifaction     621       Cable Idenditifaction     621       Cable Color     black       Type of Certificate     CURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     32.01 µm       Material packet     PUR       Strone farme signeket     85 5 S Shore A       Freedom from ingredients (iscket)     lead-free, cadmium-free, CFC-free, silicone-free       Cute		
Rated surge voltage     1,5 kV       Material group (IEG 60664-1)     1       Mechanical data   Material data     Conting locking     Nickeled       Material gasket     FKM       Material gasket     FKM       Material gasket     FKM       Material bousing     PUR       Locking material     Zine die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, sorewed, 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       Installation   Cable     Cable forge       Cable forge     2       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, while       Cable weight     32.01 grm       Material jackt     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredientis (lacke		
Material group (IEC 60664-1)     I       Mechanical data   Material data     Example       Coating locking     Nickoled       Material gastet     FKM       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature man.       Operating temperature max.     85 °C       Additional condition temperature max.     65 °C       Operating temperature max.     65 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Cable Identification       Cable identification     621       Cable identification     621       Cable identificate     cuRus       Arrow of Strading     1       Stranding     1       Write arrangement     brown, black, blue, while       Weak weight     32.01 g/m       Material gasket     PUR       Stranding     4 wires twisted       wire arrangement     brown, black, blue, while       Cable weight     32.01 g/m       Material gasket		1,5 kV
Mechanical data   Material data         Coating looking       Nickeled         Material gasket       FKM         Material lousing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coperating temperature min.         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Installation   Cable       Cable Type         Cable Type       2         Jacket Color       black         Type of Certificate       cURus         Anount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable weigth       32,01 g/m         Material jackt       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredientis (jacket)       lead-free, cadmium-free, CFC-free, silicone-free         Outer diameter (jackt)       4.6 mm         Tolerance outer diameter (sheath)       ± 5 %         Materi		
Material gasket       FKM         Material housing       PUR         Locking material       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         Installation   Cable       Environmental characteristics   Climatic         Cable identification       621         Cable Identification       621         Cable Identification       621         Cable Identification       621         Stranding       4 wires twisted         Muterial gacket       CJRUS         Anount stranding       1         Stranding       4 wires twisted         Wrie arrangement       brown, black, blue, white         Cable weigh       32,01 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       4 6 mm         Tolerance oute	Mechanical data   Material data	
Material housing       PUR         Locking material       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         Installation   Cable       Cable dientification       621       Cable Type       2         Cable Type       2       Jacket Color       black       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 A       Shore A       Stranding       4 wires twisted       Material jacket       PUR       Shore A       Shore A       Stranding       4 wires twisten A       Stranding       4 Stranding       Strandin	Coating locking	Nickeled
Locking material       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         Installation   Cable       Cable identification       621         Cable Type       2       Jacket Color       black         Type of Certificate       cURus       Additional condition temperature may       depending on cable quality         Mine arrangement       brown, black, blue, white       Cable tige tige tige tige tige tige tige tig	Material gasket	FKM
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature may.       depending on cable quality         Installation   Cable       Cable identification         Cable identification       621         Cable identification       621         Cable identificate       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 (lacket)       1, ± 5 %         Material wire insulation       PVC         Amount wires       4         Outer diameter tolerance core insulation       1, 25 mm         Outer diameter tolerance core insulation       1, 25 mm	Material housing	PUR
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         Installation   Cable       Cable identification         Cable identification       621         Cable Type       2         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable wigh       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         Outer diameter insulation       4.3 ± 5 % Shore D         Material wire insulation </td <td>Locking material</td> <td>Zinc die-casting</td>	Locking material	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Cable didentification       Cable identification     621       Cable Type     2       Jacket Color     black       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)     46 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1,25 mm       Outer diameter insulation	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableCable identification621Cable identification621Cable Type2Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth32,01 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulation1,25 mmOuter diameter insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulation1,25 mmOuter diameter insulation43 ± 5 Shore DMaterial properties wire insulation1,25 mmOuter diameter insulation43 ± 5 Shore DMaterial properties wire insulation1,26 mmOuter diameter insulation1,25 mmOuter diameter insulation <t< td=""><td>Mounting method</td><td>inserted, screwed, Shaking protection</td></t<>	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Cable identification       Cable identification     621       Cable Type     2       Jacket Color     black       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 m       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     43 ± 5 Shore D       Material properties wire insulation     43 ± 5 Shore D       Material properties wire insulation     i 25 m	Environmental characteristics   Climatic	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Cable identification       Cable identification     621       Cable Type     2       Jacket Color     black       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 m       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     43 ± 5 Shore D       Material properties wire insulation     43 ± 5 Shore D       Material properties wire insulation     i 25 m	Operating temperature min.	-25 °C
Additional condition temperature range     depending on cable quality       Installation   Cable       Cable identification     621       Cable Type     2       Jacket Color     black       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       Outer diameter fuelerance core insulation     ± 5 %       Shore hardness wire insulation     43 ± 5 Shore D       Material properties wire insulation     lead-free, cadmium-free, CFC-free, silicone-free	· · · ·	
Installation   CableCable identification621Cable Type2Jacket ColorblackType 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 (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulationlead-free, cadmium-free, CFC-free, silicone-freeOuter diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation43 ± 5 Shore DMaterial properties wire insulationlead-free, cadmium-free, CFC-free, silicone-free		
Cable Type2Jacket ColorblackType 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 tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cArmium-free, CFC-free, silicone-free	Installation   Cable	
Cable Type2Jacket ColorblackType 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 tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cArmium-free, CFC-free, silicone-free	Cable identification	621
Jacket ColorblackType 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 tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, CFC-free, silicone-free		
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Outer-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cFC-free, silicone-free	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       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		4,6 mm
Amount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cFC-free, silicone-free	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       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	Material wire insulation	PVC
Outer diameter tolerance core insulation     ± 5 %       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 wires	4
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	Outer diameter insulation	1,25 mm
Material properties wire insulation   good machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Shore hardness wire insulation	43 ± 5 Shore D
-	Material properties wire insulation	good machinability
Amount strands (wire)   32	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
	Amount strands (wire)	32

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: 2024-05-20

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Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	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
UV resistance	DIN EN ISO 4892-2 A
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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