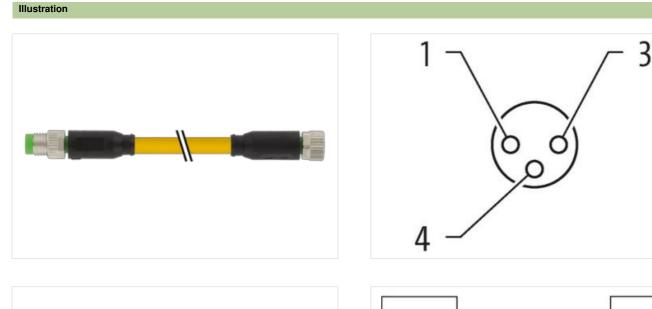


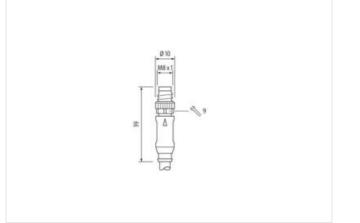
M8 male 0° / M8 female 0° A-cod.

PVC 3x0.25 ye UL/CSA 2m

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

## Link to Product

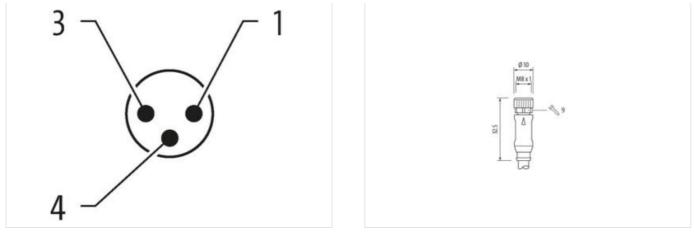






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20





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
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	3
Commercial data	
ECLASS-6.0	27279218
ECLASS-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
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879132237
Packaging unit	1
Electrical data   Supply	

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



Cynemia (namige Act Max.       B V         Cynemia (namige AC Multiseta)       B0 V         Cynemia (namige AC Multiseta)       30 V         Diagnetice       V         Diagnetice       V         Diagnetice AC Multiseta)       AA         Diagnetice AC Multiseta)       Inserted, servered         Polution Diagnet       3         Refersion Status AC Multiseta)       Multiseta)         Material Anyange       Nultiseta)         Multiseta)       Multiseta)         Multiseta)       Multiseta)         Multiseta)       Multiseta)         Multiseta)       Multiseta)         Multiseta)       Multiseta)         M		F0.1/
Operating vortage AC (UL-Isted)       30 V         Operating vortage DC (UL-Isted)       30 V         Contront operating vortage Tox Contact max.       4 A         Diagnostics       Status indication LED       no         Device protection (ENEC 06028)       IP85, IP67, IP68, IP60K       Addimate conduction protection degree       3         Addimate conduction (CNE 06028)       IP86, IP67, IP68, IP60K       Addimate conduction protection degree       3         Read surge vortage       1,5 kV       Machania conduction (CNE 06028)       IP80, IP67, IP68, IP60K         Material grave vortage Ortige C0608-11       I       Mechanical data       Mechanical data         Coating locking       Nickeld       Machania grave (CIEE 0608-11)       I         Material pastel       PCM       Mechanical data       Mechanical data         Coating locking       Nickeld       Mechanical data       Mechanical data         Material mousing       PUR       Locking material       Mechanical data         Modifier gravetic in temperature max.       85 °C       Operating temperature max.       85 °C         Operating temperature max.       85 °C       Operating temperature max.       85 °C         Note on statin relief       Potect the connecto	Operating voltage AC max.	50 V
Operating por contact max.       4 A         Diagnostic       Biagnostic         Status indication LED       no         Device protection   Electrical       Device protection (EN IEC 6652)         Device of protection (EN IEC 6652)       IP65, IP67, IP68, IP66K         Additional condition protection degree       insurfiel, screwed         Pollution Degree       3         Rectancic data (Matrix)       1         Material group (IEC 6688-1)       1         Rectancic data (Material factor)       1         Material group (IEC 6688-1)       1         Material group (IEC 6688-1)       1         Costing locking       Nickuled         Material gasket       FKM         Material gasket       FKM         Mounting mather       Jor Circ costing         Deparating tomporature min.       25 °C         Operating tomporature max.       85 °C         Additional temperature range       depending on cable quality         Important lastaliation notes       1         Note on chain relisf       Portect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fee.         Attention:       CB °C         Devising formporature max.		
Current operaling per contact max.       4 A         Disposition          Status indication LED       no         Degree of potention (EN IEC 66528)       IP65, IP67, IP68, IP66K         Additurat condition protection degree       inserted, screwed         Pollution Degree       3         Raid surge voltage       15. NV         Material gasker       FRM         Material gasker       Additional distion formaterial         Particities constation selled       Inserted, screwed, Shaking protection         Environmental characteristics (Climatic       Operating temperature max.         Additional condition temporature may.       <		
Dispection       Device protection [Electrica]         Device protection [Electrica]       F85, IP67, IP68, IP66K         Define of protection (EN IEC 6058)       P65, IP67, IP68, IP66K         Addition contino protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 V         Material proug (IEC 6058-1)       I         Incendential data (Material Gata)       No.         Addition Contino protection degree       No.         Conting lock (Material Gata)       Incendential Gata)         Material prouging (IEC 6058-1)       Incendential Gata)         Conting lock (Material Gata)       Protect exasting         Material prouging lock (Material Gata)       Incendential Gata)         Material prouging temperature min.       25 °C         Operating temperature min.       25 °C		
Subu Indication LED       no         Device of protection   Electrical       Postion of protection (EN IEC 60522)       IP65, IP67, IP68, IP60K         Additional condition protection degree       3       3         Bands surp orbitotion protection degree       3       3         Bands surp orbitotion protection degree       3       3         Bands surp orbitotion fait       1       Montana (Contention of the Contention of the Contentor of the Contention of the Contention of the Contention of the Co		4 A
Device protection   Electrical         Degree of protection (EN EC 60529)       IP65, IP67, IP68, IP66K         Additional condition protection degree       3         Rated surge voltage       1,5 kV         Material group (IEC 6064 1)       1         Mechanica diata   Material data       PKM         Material pooling       Nickeled         Material pooling       Nickeled         Material pooling       PCM         Mouning method       Inserted, screwed, Shaking protection         Environmetal characteristics   Climatic       PC         Operating imperature min.       -25 °C         Operating imperature man.       -85 °C         Additional condition temperature range       depending on cable quality         Ported the connoctors by suitable measures from machanical loads, e.g.by the usage of cable lines.         Note on andring radius       Attention: Observe the pormisable bording radii when laying cables, as the IP pr	Diagnostics	
Degree of protection (KN IEC 60528)       IP65, IP67, IP68, IP66K         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Bated surge voltage       1, 5 kV         Material group (IEC 60684-1)       1         Mechanical data (Material data)       Inserted, screwed         Costing locking       Nickeled         Material gasket       FKM         Material gasket       FKM         Mutarial housing       PUR         Locking material       Zinc die casting         Mutarial housing data       Inserted, screwed, Shaking protection         Mutarial notation temperature may       depending on cable quality         Mounting method       85 °C         Operating temperature may       depending on cable quality         Importation tempera	Status indication LED	no
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Related surge voltage   1, 5kV     Metarial group (IEC 0064-1)   1     Mechanical data   Material data      Coating looking   Nickolad     Material gasket   FKM     Material housing   PUR     Looking material   Zinc die-casting     Mechanical data   Mounting data      Mechanical data   Mounting data      Mounting mathod   inserted, screwed, Shaking protection     Environmental characteristics   Climatic      Operating temperature max.   85 °C     Additional condition temperature max.   85 °C     Contornity   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. <tr< td=""><td>Device protection   Electrical</td><td></td></tr<>	Device protection   Electrical	
Pailution Degree       3         Rated surge voltage       1,5 kV         Material data [Ket 60064-1)       1         Machanizad data [Material data       Coating locking         Material goak [Co 60064-1)       Nickelled         Material goak [Co 60064-1)       I         Material locking       PUR         Locking material       Zinc die casting         Machanical data [Mounting data       Mounting method         Mounting method       inserted, sorewed, Shaking protection         Environmental characteristics [Climatic       Operating temperature min.         Operating temperature min.       -28 °C         Operating temperature max.       68 °C         Additional condition temperature max.       68 °C         Additional condition temperature max.       68 °C         Note on strain rollef       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain rollef       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain rollef       Disc No for 62-114 (M8)         Exaterial cable       Mounting method         Une arrangement       brown, black, blue         Cable Type       1	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Bailed surge voltage       1,5 kV         Material group (EC 6064-1)       I         Mechanical data   Material data       Coating locking         Cating locking       Nickeled         Material possing       PUR         Locking material       Zine die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climation       25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain rollef       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 incres.         Conomity       Product strainder         Product strainder       Drown, black, blue         Cable Topp       1         Jacket Color       yellow         Type of Certificate       CURus         Amount straingenent       brown, black, blue         Cable Topp       1         Jacket Color       yellow         Type of Certificate       QURus	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)       I         Mechanical data   Material data          Coaling locking       Nickeled         Material gasket       FKM         Material gasket       FKM         Mechanical data   Mounting data       Zinc cite-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature may.       depending on cable quality.         Important installation notes       Vatertion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Contomity       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Natalation   Cable       UNEN 61076-2-114 (M8)         Installation   Cable       UNEN 61076-2-114 (M8)         Cable right       UNEN 610	Pollution Degree	3
Mechanical data   Material data         Coating locking       Nickeled         Material gasket       FKM         Material lousing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coeffing temperature max.         Operating temperature max.       85 °C         Addition temperature max.       85 °C         Note on stain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be earlier arrangement         brown, black, blue       Cable dentification         Oli0       Cable dentification         Cable dentification       010         Cable clore       yellow         Type of Certificate       UFUs         Amount stranding       1         Stranding       3 wires twistel	Rated surge voltage	1,5 kV
Coating locking       Nickeled         Material gasket       FKM         Material gasket       PUR         Locking material       Zino die-oasting         Meterial founting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Sino die-oasting         Operating temperature max.       25° °C         Operating temperature max.       85 °C         Addition temperature max.       85 °C         Note on stain relief       Protest the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on stain relief       Protest the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Retargament       Cosnormity       Environmetal for Cosnore the permissible bending radii when laying cables, as the IP protection class can be dending tick. Sea vise. S	Material group (IEC 60664-1)	I
Material gasket       FKM         Material bousing       PUR         Locking material       Zinc die casting         Mechanical data [Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Qerating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature max.       65 °C         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.         Vertifier Observice       Attention: Observice the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conomity       Installation I Cable         Installation   Cable       Installation   Cable         weire arrangement       brown, black, blue         Cable identification       010         Cable identificate       cURus         Amount stranding       1         Stranding       3 wires twisted             wire arrangement       bro	Mechanical data   Material data	
Material gasket       FKM         Material bousing       PUR         Locking material       Zinc die-casting         Mechanical dia   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature min.       -25 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Additional condition temperature range         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Conomity       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Via on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conomity       Installation   Cable         Installation   Cable       Installation   Cable         weire arrangement       brown, black, blue         Cable identification       010         Cable identification       010         Cable identification       91         Stranding       1         Stranding </td <td>Coating locking</td> <td>Nickeled</td>	Coating locking	Nickeled
Material housing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting method       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         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on stain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on stain relief       DIN EN 61076-2-114 (M8)         Installation [Cable       UNEN 61076-2-114 (M8)         Installation [Cable       DIN EN 61076-2-114 (M8)         Installation [Cable       UNEN 61076-2-114 (M8)         Installation [Cable       UNEN 61076-2-114 (M8)         Installation [Cable       UNEN 61076-2-114 (M8)         Installation [Cable       DIN EN 61076-2-114 (M8)         Installation [Cable       UNEN 61076-2-114 (M8)         Installation [Cable       DIN EN 61076-2-114 (M8)         Installation [Cable divertify]       1         Jacket Color       yellow         Type of		FKM
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic		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         Important installation notes       Velocity         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Installation on Clips         Product standard       DIN EN 61076-2-114 (M8)         Installation (Cable       Installation (Cable Clips)         wire arrangement       brown, black, blue         Cable identification       010         Cable Identification       023 °S m         Attentis istanding       3 Wires Wisted <td>Locking material</td> <td>Zinc die-casting</td>	Locking material	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         Important installation notes       Velocity         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Installation on Clips         Product standard       DIN EN 61076-2-114 (M8)         Installation (Cable       Installation (Cable Clips)         wire arrangement       brown, black, blue         Cable identification       010         Cable Identification       023 °S m         Attentis istanding       3 Wires Wisted <td>Mechanical data   Mounting data</td> <td></td>	Mechanical data   Mounting data	
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature may       depending on cable quality         Important installation notes       Note on strain relief         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Contornity         Product standard       DIN EN 61076-2-114 (M8)         Installation   Cable       wire arrangement         wire arrangement       brown, black, blue         Cable identification       010         Cable Color       yellow         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wirest wisted         wire arrangement       brown, black, blue         Cable weigh       29,37 g/m         Material jacket       PVC         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, silicone-free         Outer diameter (sheath)		inserted, screwed. Shaking protection
Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature maye       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.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity         Product standard       DIN EN 61076-2-114 (M8)       Installation I Cable         wire arrangement       brown, black, blue       Cable Type         Cable Type       1       Jacket Color       yellow         Type of Certificate       cJRus       Amount stranding       1         Stranding       3 wires twisted       wire arrangement       brown, black, blue         Cable weigth       29,37 g/m       Material jacket       PVC         Shore hardness jacket       85 ± 5 Shore A       Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, silicone-free         Outer-diameter (jacket)       4.5 mm       Tolerance outer diameter (sheath)       5 %	-	······································
Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-114 (M8)         Installation   Cable       wire arrangement       brown, black, blue         Cable Type       1       Jacket Color       yellow         Type of Certificate       cJRus       Amount stranding       1         Stranding       3 wires twisted       wire arrangement       brown, black, blue         Cable Type       1       Jacket Color       yellow         Type of Certificate       cJRus       Jacket Color       yellow         Stranding       1       Stranding       1         Gable Type       1       Jacket Color       Yellow         Type of Certificate       cJRus       Stranding       1		-25 °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 endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-114 (M8)         Installation   Cable       wrife arrangement       brown, black, blue         Cable identification       010       Cable Identification       O10         Cable Stranding       1       Stranding       1         Stranding       1       Stranding       1         Stranding       3 wires twisted       Stranding       1         Stranding       3 wires twisted       Stranding       St ± 5 Shore A         Freedom from ingredients (jacket)       Ead-free, cadmium		
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 61076-2-114 (M8)         Installation   Cable       wire arrangement         vire arrangement       brown, black, blue         Cable Identification       010         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         Cable weigth       29.37 g/m         Material jacket       PVC         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, silicone-free         Outer-diameter (jacket)       4,5 mm         Tolerance outer diameter (sheath)       5 %         Material wire insulation       PVC         Outer diameter insulation <t< td=""><td></td><td></td></t<>		
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 61076-2-114 (M8)         Installation   Cable       Image: Conformity         wire arrangement       brown, black, blue         Cable identification       010         Cable Type       1         Jacket Color       yellow         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         Cable weigth       29.37 g/m         Material jacket       PVC         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       4.5 mm         Tolerance outer diameter (jacket)       4.5 mm         Auterial wire insulation       PVC         Auterial wire insulation       1.25 mm         Outer diameter insulation       1.25 mm		
Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-114 (M8)         Installation   Cable       wire arrangement       brown, black, blue         Cable identification       010       Cable Type       1         Jacket Color       yellow       Yellow       Yellow         Type of Certificate       cURus       CuBus       Stranding       3         Mount stranding       1       Stranding       Stranding       Stranding       Yellow         Vire arrangement       brown, black, blue       Cable Type       Stranding	•	
Note on behalting radius     endangered by excessive bending forces.       Conformity       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable       wire arrangement     brown, black, blue       Cable identification     010       Cable identification     010       Cable Identification     010       Cable Or yellow     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     29,37 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,5 mm       Tolerance outer diameter (sheath)     ± 5 %       Amount wires     3       Outer diameter insulation     1,25 mm       Outer diameter tolerance core insulation     1,25 mm	Note on strain relief	
Product standardDIN EN 61076-2-114 (M8)Installation   Cablewire arrangementbrown, black, blueCable identification010Cable identification010Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %	Note on bending radius	
Installation   Cable       wire arrangement     brown, black, blue       Cable identification     010       Cable identification     010       Cable Zole Type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     29,37 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,5 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter tolerance core insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %	Conformity	
wire arrangementbrown, black, blueCable identification010Cable identification010Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Product standard	DIN EN 61076-2-114 (M8)
Cable identification010Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %	Installation   Cable	
Cable identification010Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %	wire arrangement	brown, black, blue
Cable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %		
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %		
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Jacket Color	yellow
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Type of Certificate	cURus
wire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Amount stranding	1
Cable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Stranding	3 wires twisted
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	wire arrangement	brown, black, blue
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Cable weigth	29,37 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Material jacket	PVC
Outer-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %	Outer-diameter (jacket)	4,5 mm
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %	Material wire insulation	PVC
Outer diameter tolerance core insulation   ± 5 %	Amount wires	3
	Outer diameter insulation	1,25 mm
Shore hardness wire insulation   45 ± 5 Shore D	Outer diameter tolerance core insulation	± 5 %
	Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation good machinability	Material properties wire insulation	good machinability

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 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	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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

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