

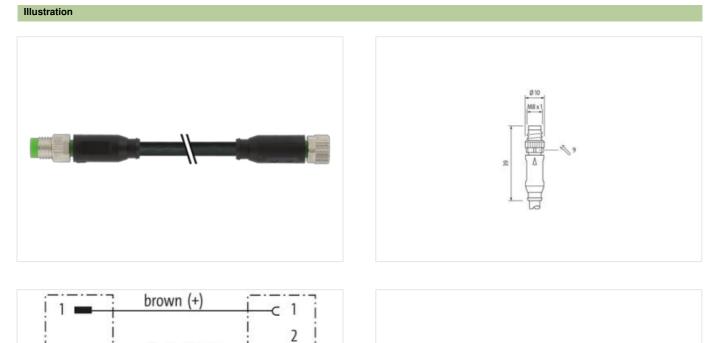
M8 male 0° / M8 female 0° A-cod.

PVC 3x0.25 bk UL/CSA 0.5m

Male straight – female straight M8 – M8, 3/4-pole Art-No. 7005 - 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

3



C 4

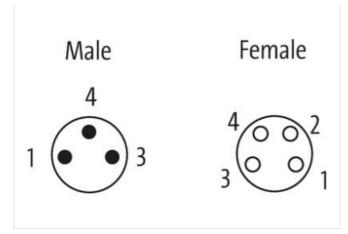
C 3

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: 2024-05-18

black (N/O)

blue (-)





Product may differ from Image



Cable length	0,5 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	4048879400046
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: 2024-05-18



Operating voltage AC (U-listed) 30 V Operating voltage AC (U-listed) 30 V Operating voltage AC (U-listed) 30 V Demote DC (UL-listed) 30 V Demote DC (UL-listed) 30 V Demote DC (UL-listed) 30 V Device protection IE Extrice To Device protection (Ext EC 6805-V) IPES, IPS7, IPES, IPS7, IPES, IPS7, VA Material organ Voltage AC (U-Listed) IPE Device protection (Ext EC 6805-V) I Material organ Voltage AC (U-Listed) IPE Material organ Voltage AC (U-Listed) IPE Material organ Voltage AC (U-Listed) IPE Device protection IE Extrice IPE Colling localing local		
Operating voltage AC (UL-4isted) 30 V Operating voltage AC (UL-4isted) 30 V Operating voltage AC (UL-4isted) 30 V Dispractics 4 A Dispractics 4 A Device protection (Electrical V Device protection (Electrical V Device protection (Electrical V Device protection (Electrical V Marial group (EC 60664-1) I Machaniza (Constant Ration) S Valuating travel (EC 60664-1) I Mechanical data Material data V Costing looking Nickeled Material gravel (EC 60664-1) I Mechanical data Mounting data FRM Mounting method Instreted, screwed, Shaking protection Environmental characteristics Olimaid Zirc Cocasing Operating impendute min. 25 °C Operating method Instreted, screwed, Shaking protection Environmental characteristics Olimaid After Cocasing Matorial on anota maperial on anota quality Indexted, screwed, Shaking protection Invironal installation notes	Operating voltage AC max.	50 V
Operating over contact max. 4 A Description E Device protection [Electrical Device protection (Electrical Device protection protection degree inserted, screwed Parlating over contact max. 1 A Device protection (Electrical Device protection (Electrical Device protection (Electrical Device protection (Electrical Device protection (Electrical Status and vorge vorget Additional condition protection degree inserted, screwed Paluation Degree 3 Material course vorget 1 S V Material course vorget Nokeled Material course vorget FMA Material course vorget PUR Looking material Zinc de-casting Mechanical data [Mounting dats Mounting moterial Mounting method inserted, screwed, Statuling protection Environmental characteristics [Climatic 2 % C Operating temperature max. 2 % C Operating temperature max. 2 % C Device in branding and us Atertion: Characteristics quarkets the interprotecon class can be ending code wegth		
Current operating per contact max. 4 A Dispractics Interfactors Status indication LED no Device protection Electrical IPS, IPS7, IPS8, IPS6K Additional contificon protection digree Inserted, acreaved Patition Degrees 3 Rated surge voltagie 1.5 kV Material grang (EE 666641) I Mechanical data [Material data Contact data [Material data] Contant generalized grange Nickeled Material quality PUR Contain generalized grange PUR Mounting method Inserted, screwed, Shaking protection Environmental characteristical [Climation] 25 °C Operating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature max. 85 °C Additional contifican temperature may. 85 °C Additional contifican temperature may. 85 °C Color dating Contact the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on shain riseff DIN EN 6		
DegressionStatus and Calcion LEDDevice protection [ENEC 60094Device protection protection ratioDevice protection protection ratioDevice protection protection ratioDevice protection [ENEC 60094Device protection protection ratioDevice protectio		
Statis indication LED o Device protoction [LECK0820] IP67, IP68, IP66K Additional condition protection degree iserred, screwed Pollution Degree 3 Additional condition protection degree iserred, screwed Material group (IEC 60664-1) 1 Material group (IEC 60664-1) IC Material group (IEC 60664-1) FXM Material group (IEC 60664-1) FXM Material group (IEC 60664-1) IC Material group (IEC 60664-1) IC Material group (IEC 60664-1) FXM Material group (IEC 60664-1) IC Material group (IEC 60664-1) IC Material protection INF FXM Material protection INF INF Material protection INF INF Material protection INF INF Material protection INF INF Operating temperature max. 85 °G Operating temperature max. 85 °G Note on strain rollel Partlet the connectors by suitable measures from mechanical boats, e.g. by the usage of cable Es. Material prolle the connectors by suita	Current operating per contact max.	4 A
Device protection Electrical UPERs, IPER,	Diagnostics	
Degree of protection (EN IEC 80529)IP85, IP67, IP68, IP68KAdditional condition protection degreeinserted, sorewedAdditional condition protection degree3Rated surge voltage1.5 KVMararial group (IEC 806841)1Mechanical dist [Metrial data]Mechanical dist [Metrial data]Material gasketFKMMaterial gasketPURLocking materialinserted, Snewed, Shaking protectionMechanical dist [Mounting data]Mechanical dist [Mounting data]Mechanical dist [Mounting data]Terrornontic characteristics [ClimaticDeparating temperature max.85 °CAdditional condition temperature max.85 °CAdditional condition temperature max.85 °CAdditional condition temperature max.85 °CNote on bonding radiusProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.Note on bonding radiusDin Evolution: Coserve the permissible bending radii when laying cables, as the IP protection class can be eradagered by excessive bending forces.CostornityInterfuent: Coserve the permissible bending radii when laying cables, as the IP protection class can be eradagered by excessive bending forces.CostornityInterfuent: Coserve the permissible bending radii when laying cables, as the IP protection class can be eradagered by excessive bending forces.CostornityInterfuent: Coserve the permissible bending radii when laying cables, as the IP protection class can be eradagered by excessive bending forces.CostornityInterfuent: Coserve the permissible be	Status indication LED	no
Additional condition protection degree isented, screwed Foldution Degree 3 Rande surge voltage 1,5 kV Material group (IEC 60664 1) 1 Mechanical data [Material data Nickvied Canting Locking Nickvied Material graket FKOM Material pasket Sinc dic casing Mechanical data [Mounting data Inserted, screwed, Shaking protection Environmental characteristics [Climatic Conserved, Shaking protection Gorden target Deparating temperature man. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable guality Moterial fastilition notes Attention: Observe the parmiseble bending radii when laying cables, as the IP protection class can be and angered by excessive bending faces. Eotofontilitiation 610	Device protection Electrical	
Pailulan Degree 3 Raid surge voltage 1.5 kV Material group (EC 60664.1) 1 Machanical data Material data	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Rated surge voltage 1,5 kV Marchal group (EC 60664.1) I Mechanical data Material gasket FKM Material gasket PUR Cocking mathematical service of the servic	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) I Mechanical data [Material data Ixolalad Zoating locking Nickladd Material gasket FKM Valarial pasket FKM Material pasket FKM Material pasket DUR Jone discussion Zino discussion Machanical data [Mounting data Zino discussion Machanical data [Mounting data Concertain Material product stant Sino 5 Synophical product stant Sino 5 Contomity Concertain Product stand DIN EN 61076-2:114 (M8) Instaltation [Cable Conformity Product stand DIN EN 61076-2:114 (M8) Instaltation [Cable Conformity Product stand DIN EN 61076-2:114 (M8) Instaltation [Cable Conformity Standing 3 wires twisted Wrise twisted URus	Pollution Degree	3
Mechanical data Material data Cacturg looking Nickeled Material gasket FKM Material gasket FKM Material gasket PUR Locking material Zinc die-casiling Mochanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic inserted, screwed, Shaking protection Diperating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes So °C 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 Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bending radius Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bending radius Bio Note So So Context Decide identification 610 Cable identification Gui So So Context Type of Certificate cUPus Marout stranding Nice kubu	Rated surge voltage	1,5 kV
Coaling locking Nickeled Material gasket FKM Valaterial pasket PUR Cocking material Zino die-casting Material pasket Juno die-casting Material pasket Inserted, screwed, Shaking protection Environmental characteristics [Climatic -25° C Operating temperature max. 85 °C Operating temperature max. 65° C Valation installation comperature range depending on cable quality Important Installation cometor -25° C Vale on strain reliof Portext the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles. Note on strain reliof Portext the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles. Contornity Environmethod for Coserve the permissible bonding radii when laying cables, as the IP protection class can be earling for cose. Color DIN EN 61076-2-114 (M8) Installation [Cable FIN Earlie demitication 610 Cable Type 0 1 Jacket Color black Type 0 for fictate CUFUs Anount stranding <td< td=""><td>Material group (IEC 60664-1)</td><td></td></td<>	Material group (IEC 60664-1)	
Material gasket FKM Material nousing PUR Locking material Zinc die-casting Mechanical Idat Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief DIN EN 61076-2-114 (M8) Installation Cable Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable 610 Cable dontification 610 Cable dontification 610 Cable dontification 610 Cable dontification 610 Cable dontified URus Amount stranding 1 Stranding 3 wires twi	Mechanical data Material data	
Material gasket FKM Material nousing PUR Locking material Zinc die-casting Mechanical Idat Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief DIN EN 61076-2-114 (M8) Installation Cable Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable 610 Cable dontification 610 Cable dontification 610 Cable dontification 610 Cable dontification 610 Cable dontified URus Amount stranding 1 Stranding 3 wires twi	Coating locking	Nickeled
Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Inserted, screwed, Shaking protection Environmental characteristics Climatic 25 °C Operating temperature max. 85 °C Additional condition temperature may 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 strain rollef Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Attention: Observe the permissible bending radii when laying cables, as the IP protection dass can be ending forces. Color DIN EN 61076-2-114 (M8) Installation Cable 610 Cable forpp 1 Jacket Color black Type of Cartificate cURus Anount strainding 1 Starding 3 wires twisted Write straingement brown, black, blue Cable weigh 23,37 g/m <td>Material gasket</td> <td></td>	Material gasket	
Locking material Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min. 25 °C Operating temperature max. 65 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Attention: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Conformity Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Caloid caloid Cable DIN EN 61076-2-114 (M8) Installation [Cable Cable identification Cable identification 610 Cable identification 610 Cable Type 1 Jacket Color black Type of Cartificate CURus Arrown stranding 1 Stranding 3 wires twisted Wrise twisted 85 ± 5 Shore A Foredom from ingredients (jacket) 85 ± 5 Shore A		
Munuting method inserted, sorewed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Important Installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be emperature may. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be emperature to be accessive bending forces. Contornity UN EN 61076-2-114 (M8) Installation Cable Image: Cable departed by excessive bending forces. Cable Intrication 610 Cable Intrication 610 Cable Intrication 610 Cable Intrication Gurks Type of Certificate CURus Amount stranding 1 Stranding 3 wires twisted wires arrangement brown, black, blue Cable weigh 29.37 g/m Material acket </td <td></td> <td>Zinc die-casting</td>		Zinc die-casting
Munuting method inserted, sorewed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Important Installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be emperature to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable Intrope Cable Intrope 1 Cacket Color black Type of Certificate cURus Armount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh 29.37 g/m Material jacket PVC Stroe hardness jacket 85 5	Mechanical data Mounting data	
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on brinding 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 Enterior: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Calle identification 610 Cable identification 610 Cable I Type 1 Jacket Color black Type of Certificate c.URus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29.37 g/m Material jacket P VC Shore hardness jacket 85 ± 5 Shore A Freec		inserted, screwed, Shaking protection
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable leise. 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 610 Cable identification 610 Cable identification 610 Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arangement 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 Colare weigt weightweight 5.% Material wire insu	-	
Departing 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 lifes. 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 Gable Zable identification 610 Cable radii (Cable) Zable identification 610 Cable radii (Cable) Zable identification 610 Cable Zable identification 610 Cable Stranding 1 Cable Arrow of strain generation block Color Stranding 3 wires twisted Stranding Additional isoket PVC Shore hardness jacket S5 ± 5 Shore A Freedom from ingredients (jacket) 4.5 mm Color Stack Duter-diameter (jacket) 4.5 mm Color Stack Stack is a consult in sublation PVC Stack Stack Stack		
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 bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Endetion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Endetion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Endetion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Endetion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Endetion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Endetion: Observe the permissible bending radii when laying cables. Installation Cable Endetion: Observe the permissible bending radii when laying cables. Cable defification E10 Cable transfer Color State adding 3 wires twisted <td></td> <td></td>		
Important Installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies. 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 Installation Cable Cable identification 610 Cable Type 1 Jacket Color black Cype 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 Duter-diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) ± 5 % Shore hardness wire insulation 1.25 mm Duter diameter insulation 1.25 mm Duter diameter tolerance core insulation 4.5 ± 5 Shore D		
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 610 Cable identification 610 Stranding 1 Stranding 1 Stranding 9 wire strangement brown, black, blue Cable weigh 29.37 g/m Material Jacket PVC Store A 5 Freedom from ingredients (jacket)<		
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 Collogram Cable identification 610 Cable of Color black Type of Certificate cURus Annount stranding 1 Stranding 3 wires twisted Write arrangement brown, black, blue Cable weighth 29,37 g/m Material jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) ± 5 % Outer diameter insulation 9VC Arrown wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D		Destant the second sector is the second sector is a first sector is the theorem of each sector.
Note of bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable 610 Cable identification 610 Standing 1 Stranding 3 wires twisted Stranding 3 wires twisted Stranding 9.3.7 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4.5 mm Cable acce (rel insulation PVC Arount wires 3	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 610 Cable identification 610 Cable Type 1 Jacket Color black 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 (sheath) Uter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability		
Installation CableCable identification610Cable Type1Jacket ColorblackType 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)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %Outer diameter tolerance core insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinability		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Cable identification610Cable Type1Jacket ColorblackType 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 (sheath)± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinability	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Cable identification610Cable Type1Jacket ColorblackType 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 (sheath)± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinability	Note on bending radius Conformity	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Cable Type1Jacket ColorblackType 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) $\pm 5 \%$ Tolerance outer diameter (sheath) $\pm 5 \%$ Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 45 ± 5 Shore DMaterial properties wire insulation 45 ± 5 Shore D	Note on bending radius Conformity Product standard	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Jacket ColorblackType 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)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation45 ± 5 Shore D	Note on bending radius Conformity Product standard Installation Cable	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8)
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 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610
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 insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 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 % Shore hardness wire insulation 5 % Shore hardness wire insulation 5 %	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black
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 % Shore hardness wire insulation 90 dm achinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus
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 insulation± 5 %Shore hardness wire insulation± 5 %Outer diameter insulation1,25 mmOuter diameter insulation± 5 %Shore hardness wire insulation± 5 %Material properties wire insulationgood machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1
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 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted
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 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue
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 wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 %
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Material wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC
Material properties wire insulation good machinability	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3
	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Material wire insulation Amount wires Outer diameter insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm
ngredient freeness wire insulation lead-free cadmium-free CEC-free silicone-free	Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 ± 5 %
הקרטוסרו וויטרוסט אווים ווסטומנוטרו ובמע־ווכב, טמעווועווויווכב, טו ט־ווכב, אוועטווב־ווכב	Note on bending radius Conformity Product standard	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-114 (M8) 610 1 black cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 % PVC 3 1,25 mm ± 5 % 45 ± 5 Shore D

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: 2024-05-18



Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
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)	2° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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: 2024-05-18