

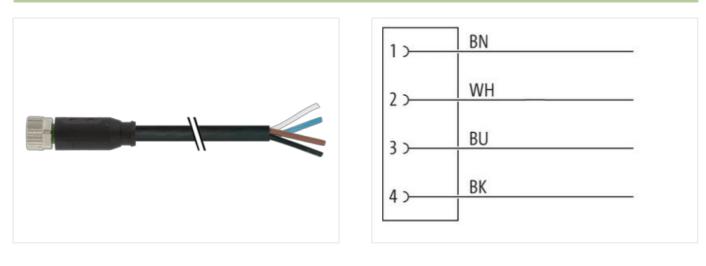
M8 female 0° A-cod. with cable

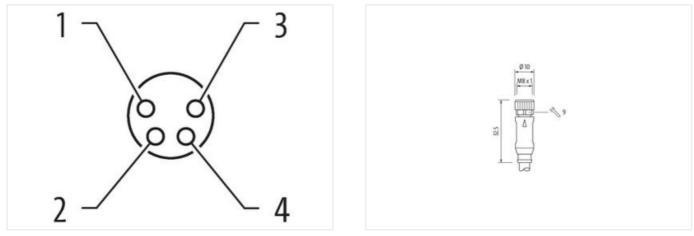
PUR 4x0.25 bk UL/CSA+drag ch. 1.5m

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

Link to Product

Illustration





Product may differ from Image



1,5 m

0,4 Nm

Cable length

Tightening torque

Side 1

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



Cataling constractop/d patedCataling constraction fromM&TreadM& 1aniable for corrugated luke (internal O)6.5 mmCachingAMaterial contactCooper aloyMaterial contactCooper aloyMaterial contactCooper aloyMaterial contactCooper aloyMaterial contactCooper aloyMaterial contactPURNo. of poles4Material contactPulp ParticipationSide 2Contact Contact (EN IEC 00509)PNS. IPOGN, IPO7Side 2Contact Contact ParticipationPURContact ParticipationPURContact ParticipationPURContact ParticipationPURContact ParticipationPURContact ParticipationPURContact ParticipationPURContact ParticipationPURContact ParticipationPURContact ParticipationPUR <t< th=""><th>Mounting method</th><th>inserted, screwed</th></t<>	Mounting method	inserted, screwed
Thread M8 x 1 autable for corrugated tube (Internal O) 6,6 mm Coding A Material contact Coppor altry Material contact Coppor altry Material contact Coppor altry Material contact Style Portection (EN IEC 60529) IP65, IP66K, IP67 State Contact State 2 Contact Contant of the cable of altrad State 2 Contact of altra gold plated Family construction form free cable of altrad Contact of altra gold plated	Coating contact	gold plated
autable for corrugated tube (internal Ø) 6.5 mm Coding A A Copper allay Material PUR No. of pola 4 With acorse fields SW9 Degree of protection (EN IEC 60269) IP65. IP66/L IP67 Side 2 Side 2 Solaring contral gold pided Family construction form Ince cable end Connercial data ECLASS-6.0 2272/218 ECLASS-8.0 2272/218 ECLASS-8.0 2272/218 ECLASS-8.0 2272/218 ECLASS-8.0 2270/218 ECLASS-8.0 2270/218 ECLASS-8.0 2270/218 ECLASS-8.0 2270/218 ECLASS-8.0 2270/218 ECLASS-8.1 2060/311 ECLASS-8.1 2060/311 ECLASS-8.1 2060/315 ECLASS-8.1 2060/314 ECMASS-7 60 V Conserved 60 V Conserved <td< td=""><td>Family construction form</td><td>M8</td></td<>	Family construction form	M8
Cading A Material contact Copper alloy Material contact PUR No. of poles 4 Width mores faits SW9 Degree of protection (EN IEC 60529) IPES, IPE6K, IPE7 Stde 2 Stopping length (lacket) 20 mm Conting contact gold plated Family construction form too cable and Connercial dat ECLASS-0 22729218 ECLASS-0 2273918 ECLASS-0 2273918 ECLASS-1 27600311 ECLASS-1 2760031	Thread	M8 x 1
Material Coppor ally Material PUR No. of poles 4 Widh across flats SV9 Degree of protection (FN IEC 6052b) IPES, IP68(, IP67 Stice 2 Stice 1 Stripping length (lackob) 20 nm Coaling contract opd palaed Family construction form free cable and Contract data 22729218 ECLASS-6.0 22729218 ECLASS-7.0 27279218 ECLASS-8.0 22792031 ECLASS-8.0 27270218 ECLASS-8.0 27270218 ECLASS-8.0 27270218 ECLASS-8.0 27270218 ECLASS-8.0 27060311 ECLASS-8.0 27060311 ECLASS-8.0 27060311 ECLASS-10.1 27060311 ECLASS-10 27060311 ECLASS-10 27060311 ECLASS-10.1 27060311 ECLASS-11.1 2060815 Customs tatiff number 8544280 GTIN 404887822244	suitable for corrugated tube (internal Ø)	6,5 mm
Match PUR No. dipoles 4 With across fasts SW9 Degree of protection (ENTEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (lacket) 20 mm Coating contract gold placed Family constituction form free cable and Commercial dist 22729218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 272090311 ECLASS-8.0 27090311 ECLASS-7.0 27292032 ECLASS-7.0 27292031 ECLASS-7.0 27292031 ECLASS-7.0 27292031 ECLASS-7.0 27292031 ECLASS-7.0 27292031 ECLASS-7.0 27292031 ECLASS-7.0 27292032 Packaging unit 1 Edecadatal Supply Operatiny onloge AC max. <td>Coding</td> <td>A</td>	Coding	A
No. of poles 4 Widh acces flats SW9 Degree of protection (EN ECG 60529) IP65, IP66K, IP67 Side 2 Side 2 Singoing length (lacket) 20 nm Coaling contact old pladed Family construction fom free cable and Commodial dat 22739218 ECLASS-7.0 27279218 ECLASS-8.0 277090311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 Contraint murber 68444290 GTM 4048878292824 Packaging unit 1 Edectical dias supply Corraing voltage AC max. Operating voltage AC (UL-listed) 30 V Corrent oparating toper contact max. 4 A	Material contact	Copper alloy
Width across flats SVM9 Dagree of protection (EN IEC 68528) IP65, IP66K, IP67 Side 2 Sinpoing length (jacket) 20 mm Carating contract god plated Contract Family construction form free cable and Contract Contract god plated Contract Family construction form free cable and Contract Construction form free cable and Contract form Construction form free cable form Contract form Construction form free cable form Contract form Contract forge AC max. <	Material	PUR
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Sinpping length (jacket) 20 mm Cactang contract gold plated Gold plated Family construction form Free cable end Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 ECO01885 castors tarff number 85444290 GTIN 4048879228234 Packaging unit 1 E E Electrical data [Supply GDV Gperating voltage AC (IL-Isent) GO V Coperating voltage AC (IL-Isent) 30 V Gurrent operating units AC (IL-Isent) GO V Coperating voltage AC (IL-Isent) 30 V Gurrent operating units AC (IL-Isent) GO V Coperating voltage AC (IL-Isent) 30 V Gurrent operating units AC (IL-Isent) GO V Coperating voltage AC (IL-Isent) </td <td>No. of poles</td> <td>4</td>	No. of poles	4
Sirkip length (jacket) 20 mm Coating contact gold plated Family construction form free cable end Commercial data E ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-12.0 27060311 Echasization function 50 V Operating voltage AO max. 60 V Operating voltage AO (DL-Listed) 30 V	Width across flats	SW9
Stripping length (jackel) 20 mm Coating contact gold pialed Family construction form View cable end Commercial data E ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27260311 ECLASS 7.0 27060311 ECLASS 7.0 27060311 ECLASS 7.0 27060311 ECLASS 7.0 ECO01855 outsmattaff number 8544200 GTIN 4048878229234 Packaging unit 1 Electrical data Suppiy Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage CD max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage CD max. 60 V	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coating contact gold plated Family construction form free cable end Commercial data	Side 2	
Family construction form free cable end Commercial data	Stripping length (jacket)	20 mm
Commercial data ECLASS 4.0 27279218 ECLASS 5.0 27279218 ECLASS 5.0 27279218 ECLASS 5.0 27279218 ECLASS 5.0 27060311 ECLASS 5.0 27060311 ECLASS 1.1 27060311 ECLASS 1.2.0 27060311 ECLASS 1.2.0 27060311 ECLASS 1.2.0 27060311 ECLASS 1.2.0 27060311 ECLASS 1.1 27060313 ECLASS 1.2.0 27060311 ECLASS 1.1 27060313 ECLASS 1.1.1 27060314 ECLASS 1.1.1 27060313 ECLASS 1.1.1 27060314 ECLASS 1.1.1 27060313 ECLASS 1.1.1 27060311 ECLASS 1.1.1 27060311 ECLASS 1.1.1 27060311 Declass 1.1.1 27060313 Departing voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics 20 mm	Coating contact	gold plated
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27260311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 8544290 GTIN 4048970229244 Packaging unit 1 Etercical data Supply	Family construction form	free cable end
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27260311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 8544290 GTIN 4048970229244 Packaging unit 1 Etercical data Supply	Commercial data	
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 2706031 Ectrast data ISuppin 50 V Operating voltage CC max. 50 V Operating voltage CC (U-Listed) 30 V Current operating per contact max. 4 A Diagonstice 1		27270218
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC001855 customs taff number 8544290 GTIN 4048879229234 Packaging unit 1 Electrical data Supply Coperating voltage AC max. Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC (Li-listed) 30 V Current operating pre contact max. 4 A Diagnostics Status indication LED Stripping length (isckel) 20 mm Mounting set M8 x 1 Device protection Electrical A Addition condition protection degree 3 Rated surge voltage 1,5 kV		
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tailf number 85444290 GTIN 4048379229324 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Current operating voltage AC (UL-listed) 30 V Current operating root contact max. 4 A Diagnostice Status indication LED no Installation Connection Stripping length (jackat) 20 mm Mounting set M8 x 1 Device protection Electrical data May 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage AC (IL-listed) 1 Material group (IEC 60664-1) I Lociang locking Nickeled Costing locking Nickeled Costing locki		
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC001855 customs tariff number 85444290 GTIN 4048879229234 Packaging unit 1 Electrical data Supply Operating voltage AC max. Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Current operating per contact max. Status indication LED no Installation Connection Status indication LED Stripping length (jacket) 20 mm Mounting set Ma x 1 Device protection Electrical Device protection Electrical Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) 1 Mechanical data Material data Coating of fitting Nickeled Coating of fitting		
ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 oustoms taiff number 8544290 GTIN 4046879229234 Packaging unit 1 Electrical data Supply Operating voltage AC max. Operating voltage AC (UL-listed) 30 V Outrient operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Installation Connection Strepring length (tacket) Device protection Electrical Additional condition protection degree Additional condition protection degree 1.5 kV Material group (tEC 60664-1) 1		
ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tarlff number 85444290 GTIN 4048879229234 Packaging unit 1 Electrical data Supply Coperating voltage AC max. Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating voltage AC (UL-listed) 30 V Current operating voltage AC (UL-listed) 30 V Diagnostics Status indication LED Status indication LED no Installation Connection M8 x 1 Device protection Electrical M8 x 1 Additional condition protection degree inserted, screwed Pollutin Degree 3 Rated surge voltage 1,5 kV Material arout [ICE 60664-1) 1 Material orgo in lick plated Coating onkeled Coating locking Nickeled Coating of titing nickel plat		
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879229234 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage C (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set MB x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pallutin Degree 3 Rated surge voltage 1,5 kV Material group (ICE 606		
customs tariff number 85444290 GTIN 4048879229234 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Coating locking Nickeled Coating of litting nickel plated Coating of litting nickel plated Coating of litting nic		
GTIN 4048879229234 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6064-1) 1 Material group (IEC 6064-1) 1 Material gaset FKM Locking material <t< td=""><td></td><td></td></t<>		
Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Installation Connection Stripping length (jacket) Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree Isaet surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickel plated Material gaset FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics 5 Status indication LED no Installation Connection 50 Vm Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 1.5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics 5 Status indication LED no Installation Connection 20 mm Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Installation Connection Stripping length (jacket) Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating looking Coating looking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting		
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating sket FKM Locking material Zinc die-casting Material group connection Zinc die-casting		
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Coating locking Nickeled Coating sket FKM Locking material Zinc die-casting Material grow connection Zinc die-casting		
Current operating per contact max. 4 A Diagnostics status indication LED Status indication LED no Installation Connection stipping length (jacket) Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Diagnostics Status indication LED no Installation Connection Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting		
Status indication LED no Installation Connection 20 mm Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating got fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting		4 A
Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting	Diagnostics	
Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting	Status indication LED	no
Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	Installation Connection	
Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	Stripping length (jacket)	20 mm
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		M8 x 1
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		inserted screwed
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Vickeled Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Material group (IEC 60664-1) I Mechanical data Material data Vickeled Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data		·
Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		Nickeled
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data		
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Xechanical data Mounting data		
Material screw connection Zinc die-casting Mechanical data Mounting data		
Mechanical data Mounting data		
wounting method inserted, screwed, Shaking protection		incented exerved Challing protection
	wounting methoa	inserted, screwed, Snaking protection

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



Operating temperature max. 85 °G Operating temperature max. 85 °G Additional confidence monotonics of parality Important materialition name Intel on stain indel Predict the connections by safable measures from mechanical loads, e.g. by the tragen of cable los. Note on bending radius Amethon: Observe ite previoable bending particle. Cational Topic radius Distribution Cosserve ite previoable bending particle. Data on bending radius Distribution Cosserve ite previoable bending particle. Cation Type Distribution Cosserve ite previoable bending particle. Cation Color Distribution Cosserve ite previoable bending particle. Cation Color Bastatistion Cosserve ite previoable. Cation Color Bastatistion Costerve ite previoable. Cation Color Bastatistion Costerve ite previoable. Cation Color Bastatistion Costerve ite previoable. Previoa Cating and	Environmental characteristics Climatic			
Additional condition temporature range depending on cable quality Important Installation noise Note on stain reliaf Protoct the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on stain reliaf Protoct the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Contornity Protoct the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Cable information 631 Cable identification 631 Cable identification 631 Cable identification 631 Cable identification 644 Type of Conflicate CPUse Anoons stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 33 grin Material jacket PUR Store hardness jackot 90 1 5 Store A Freedom from impediants (ackot) 16a free, CFC ree, habogen free, allocree free Cable diameter insulation 1 25 mm Cable diameter insulation 1 25 mm Cable diameter insulation 1 25 mm Cable	Operating temperature min.	-25 °C		
Important installation notes Protex the connectors by suitable measures from mechanical leads, s.g. by the usage of cable tise. Note on bending radius Attention: Observe the pomissible bending radii whon laying cables, as the IP protection class can be and and group of by axcessive bending tradit whon laying cables, as the IP protection class can be and and group of by axcessive bending tradit whon laying cables, as the IP protection class can be and and group of by axcessive bending tradits Fondart standard DIN EN 61076 2-104 (MB) Installation (Cable Cable Type Cable Internation (Cable Bask Type of Certificate Culfus Announ stranding 1 Stranding 4 webs wited Wee anangement brown, black, blue, while Cable weigh 33 g/m Mederal jaskot PUR Stranding 1.5 Strone A Freadom from ingroutents (jacket) 4.5 from Cable weigh 1.5 Strone A Freadom trans moderation 2.5 from Cable weigh 1.25 rm Cable weigh 1.25 rm Cable weigh 1.25 rm Cable weigh 1.25 rm Cable dinander (habrath) 1.5 Strone </td <td>Operating temperature max.</td> <td>85 °C</td>	Operating temperature max.	85 °C		
Note on shain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fees. Note on bending radius Attention: Observe the permissible bending fores. Controntity Product standard Product standard DIN Not 1076-2-104 (M6) Installation (Cable Control Cable inferition 631 Cable fore Standard Data of Color Data / Carl of Color Data / Type of Conflictule CuBus Annotit standard Dirac (Standard) Strandard Wires strated Brandarding 4 Wires strated Strandarding Strated PUF Strate at anomality Strate at anomality in the strate at a strat at a strat	Additional condition temperature range	depending on cable quality		
Note on bending radius Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces. Contornity Product standard DIN EN 61076 2.104 (MB) Installation (Cable Cable Installation (Cable Cable Installation (Cable Cable Installation (Cable Cable Cable) Contornity Cable Installation (Cable Cable	Important installation notes			
Nucle industry industs endangend by excessive bending torces. Contormity endangend by excessive bending torces. Contormity Image and the set of the set	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		
Product standard DN EN 81076-2104 (M8) Installication G31 Cable Open 3 Cable Open 3 Jacket Coor Black Open Ordfridel CuPlus Amount stranding 1 Stranding 4 wires wisked Wire arrangemen Drow, black, blue, withe Cable Orgen 9.0 ± 5 Shore A Freedom from Ingredient (gacket) PUP Shore hardness (acket) 9.0 ± 5 Shore A Freedom from Ingredient (gacket) 1.25 m Outer diameter (sheath) 2.6 % Material isolation PP Amount wires 4 Outer diameter (sheath) 2.5 % Shore hardness wire insulation PP Amount wires 4 Outer diameter insulation 7.2 ± 5 Shore D Ingredient Tereness wire insulation 7.2 ± 5 Shore D Ingredient Tereness wire insulation 7.2 ± 5 Shore D Ingredient Tereness wire insulation 7.2 ± 5 Shore D Ingredient Tereness wire insulation 2.5 Km Diameter O	Note on bending radius			
Installation (Cable) Cable infinitiation 631 Cable Type 3 Cable Type 3 Cable Coff black Type of Carificate CURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blac, write Cable weigh 33 g/m Material jackel PUR Shore hardness jackot 90 1 5 Shore A Freedom form ingredents (jacket) lead-shee, cadmum-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.5 mm Outer diameter insulation PP Amount twikes 4 Outer diameter insulation 1.25 mm Cuter diameter insulation 1.25	Conformity			
Cable identification 631 Cable Type 3 Jacket Cotr Black Type of Cartificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 33 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-rise, CPC-tree, halogen-free, silicone-free Outer diameter (jacket) 4.5 mm Tolerance outer diameter (phealth) ± 5 % Material jacket PP Amount wires 4 Outer diameter isulation 1.25 mm Outer diameter isulation 1.25 Shore D <td< td=""><td>Product standard</td><td>DIN EN 61076-2-104 (M8)</td></td<>	Product standard	DIN EN 61076-2-104 (M8)		
Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted Wrie arrangement brown, black, ble, white Cable weight 33 g/m Material jackat PUR Strone hardness jacket 90 t 5 Shore A Freedom from ingredients (glocket) lead-free, caffurum-free, CFC-free, halogen-free, silicone-free Outer diameter (glocket) 4,5 mm Tolerance outer dameter (sheath) ± 5 % Material twire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 Shore D Torenace outer we insulation 1,25 Shore D Ingredient freeness wire insulation 1,25 Shore D Ingredient freeness wire insulation 1,25 Shore D Ingredient freeness wire insulation 1,25 Shore D Conductor type (wrie) 32 Dameter of single wires 0,1 mn Conductor type (wrie) Stranded copper wire, bare	Installation Cable			
Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted Wrie arrangement brown, black, ble, white Cable weight 33 g/m Material jackat PUR Strone hardness jacket 90 t 5 Shore A Freedom from ingredients (glocket) lead-free, caffurum-free, CFC-free, halogen-free, silicone-free Outer diameter (glocket) 4,5 mm Tolerance outer dameter (sheath) ± 5 % Material twire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 Shore D Torenace outer we insulation 1,25 Shore D Ingredient freeness wire insulation 1,25 Shore D Ingredient freeness wire insulation 1,25 Shore D Ingredient freeness wire insulation 1,25 Shore D Conductor type (wrie) 32 Dameter of single wires 0,1 mn Conductor type (wrie) Stranded copper wire, bare	Cable identification	631		
Jacket Color black Type of Certificate cURus Anount standing 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 39 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead /ree, cadmium, free, CPC-free, halogen-free, silicone-free Outer diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount stranding 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Conductor crosssection (wire) 3.2 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Onductor trosssection (wire) 0.25 mm² Material doculator wire Stranded copper wire, bare Orductor trosssection (wire) 0.25 mm²				
Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 33 g/m Matrial jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-dameter (jacket) 4.5 rm Tolerance outer dameter (sheath) ± 5 % Material jacket PU Amount wires 4 Outer dameter insulation P2 Amount wires 4 Outer diameter insulation 1.25 rm Outer diameter insulation 1.25 rm Outer diameter insulation 1.25 rm Conductor crossection 1.45 % Shore hardness wire insulation 1.05 Shore D Ingredient freeness wire insulation 1.05 Shore 0 Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C+tra		black		
Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 33 g/m Material jacket PUR Shore hardmess jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4.5 mm Tolerance outer diameter (slacket) 4.5 mm Tolerance outer diameter (slacket) 4.5 m Tolerance outer diameter (slacket) 4.5 mm Outer diameter insulation PP Amount wires 4 Outer diameter insulation 1.25 mn Outer diameter insulation 1.25 mn Outer diameter insulation 7.0 ± 5 Shore D Ingredient freeness wire insulation 7.0 ± 5 Shore D Tigredient freeness wire insulation 7.0 ± 5 Shore D Torder corter or Single wires 0.1 mm Conductor wires Section (wire) 0.25 mm² Diameter of single wires 0.1 mm Conductor wires (interact) 10 m @ 25 °C hortcontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298.4 Current load capacity (standard) to DIN				
wire arrangement brown, black, blue, white Cable weight 33 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom tom ingredients (jacket) lead-tree, cadmium-tree, CFC-tree, halogen-free, silicone-free Outer-diameter (jacket) 4,5 mm Tolerance outer diameter (sheath) 4,5 % Material wire insulation PP Arnout twices 4 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 70 ± 5 Shore D Shore hardness wire insulation 10 ± 5 % Shore bardness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,25 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C [horizontal Nomind voltage (wire - vire) 2,5 kV @ 60 s <td></td> <td></td>				
Cable weight 33 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) laad-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter lowance or insulation 1.25 mm Outer diameter lowance or insulation 7.0 ± 5 Shore D Shore hardness wire insulation 7.0 ± 5 Shore D Ingredient freeness wire insulation 1.25 mm Outer diameter (wire) 3.2 Diameter of single wires 0,1 mm Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (min, wire) 3.6 A Cave strands to logae (wire) 2.5 KW @ 60 s Power frequency withstand voltage (wire · wire) 2.5 KW @ 60 s Power frequency withstand voltage (wire · wire) 2.5 KW @ 60 s Power frequency withstand voltage (wire · wire) 2.5 KW @ 60 s Power freq	Stranding	4 wires twisted		
Material jacket PUR Shore hardness jacket 90.5 5 Shore A Freedom from ingredents (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter of langle wires 0.1 Ingredient freeness wire insulation 1.26 schree Ingredient freeness wire insulation 1.25 mm Conductor or sossection (wire) 32 Diameter of single wires 0,1 mm Conductor wires Stranded copper wire, bare Conductor torsection (wire) 0.25 mm² Material conductor wire Strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage (wire - wire) 2.5 kV @ 60 s Current load capacity (standard) to DIN VD		brown, black, blue, white		
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,5 mm Tolerance outer diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter (jacket) ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter lowerance cor insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1,25 mm Conductor cosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor vige (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor vige (wire) 0,25 chorizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load	Cable weigth	33 g/m		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) ± 5 % Material wise insulation PP Amount wires 4 Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 1.25 Shore D Ingredient freeness wire insulation 1.25 Shore D Ingredient freeness wire insulation 1.25 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0.1 mm Conductor vire Stranded copper wire, bare Conductor type (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity min, wire 3,6 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire	Material jacket	PUR		
Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (shealth) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient Treeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor cossection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity min. wire 3,6 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation <td>Shore hardness jacket</td> <td>90 ± 5 Shore A</td>	Shore hardness jacket	90 ± 5 Shore A		
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0.1 mm Conductor vire Stranded copper wire, bare Conductor vire Stranded copper wire, bare Conductor vige (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (mix wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - zike 0 s 2,5 kV @ 60 s Mix. operating temperature (fixed) -40 °C Max. operating temperature (fixed) -40 °C Mix. operating temperature (fixed) -40 °C	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 km Outer diameter insulation 1.25 Shore bardness wire insulation Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor rossescetion (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor rossescetion (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - site) 2,5 kV @ 60 s Power frequency withstand voltage (wire - 40 °C -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -25 °C	Outer-diameter (jacket)	4,5 mm		
Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter lolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor wire Stranded copper wire, bare Conductor rosssection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire · wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire · wire) 2,5 kV @ 60 s Min: operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (stat	Tolerance outer diameter (sheath)	±5%		
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Carrent load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 2,5 KV @ 60 s Power frequency withstand voltage (wire - ire) 2,5 KV @ 60 s Power frequency withstand voltage (wire - ire) 2,5 KV @ 60 s Min. operating temperature (static) -40 °C	Material wire insulation	PP		
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor cossection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor cossection (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0296-4 Current load capacity (standard) to DIN VDE 0296-4 Current load capacity (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) -25 °C	Amount wires	4		
Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor cossection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - iacket) 40 °C Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good,	Outer diameter insulation	1,25 mm		
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C<	Outer diameter tolerance core insulation	±5%		
Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 029 °C AC withstand voltage (wire - wire) 2.5 kV @ 60 s Power frequency withstand voltage (wire - jacket) -40 °C <t< td=""><td>Shore hardness wire insulation</td><td>70 ± 5 Shore D</td></t<>	Shore hardness wire insulation	70 ± 5 Shore D		
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity win. wire 3,6 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - 2,5 kV @ 60 s 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1000 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Conductor crosssection (wire)0.25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3.6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2.5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-25 °COperating temperature min. (dynamic)-25 °COperating temperature min. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingGil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing	Amount strands (wire)	32		
Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing	Diameter of single wires	0,1 mm		
Conductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing	Conductor crosssection (wire)	0,25 mm²		
Traversing distance (C-track)10 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing	Material conductor wire	Stranded copper wire, bare		
Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing	Conductor type (wire)	strand class 6		
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing		10 m @ 25 °C horizontal		
Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing	-	300 V		
Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oll resistance Good, application-related testing	Current load capacity (standard)	to DIN VDE 0298-4		
AC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingQasoline resistanceGood, application-related testingOil resistanceGood, application-related testing				
Power frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing	Electrical resistance line constant wire	-		
jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing	.	2,5 kV @ 60 s		
Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing	jacket)			
Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing	Min. operating temperature (static)	-40 °C		
Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing		80 °C / 90 °C @ 10000 h Operation		
UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Operating temperature min. (dynamic)	-25 °C		
Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation		
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	UV resistance			
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2		
Oil resistance Good, application-related testing DIN EN 60811-404	chemical resistance	Good, application-related testing		
Bending radius (fixed) 5 x Outer diameter				
	Bending radius (fixed)	5 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: 2024-05-20



Bending radius (dynamic)	10 x Outer diameter	
Travel speed (C-track)	10 Mio. @ 25 °C	
No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	

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