

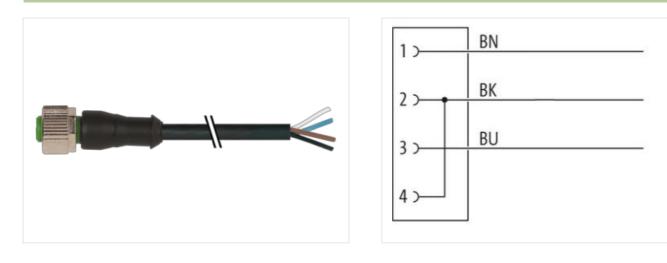
M12 female 0° A-cod. with cable

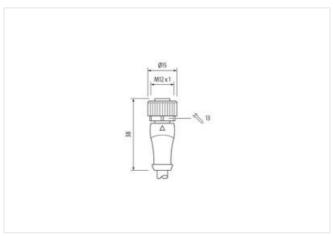
PVC 3x0.34 bk UL/CSA 20m

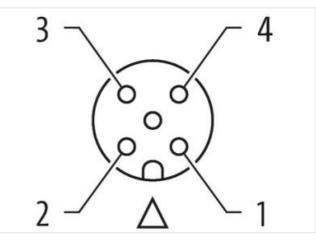
Female straight M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable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

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-04-28

20 m

0,6 Nm



Cataling contract oneoperationsCataling contract orerM12 viTrendM12 viattable for corrugated tube (internal O)IO mmCadingAMaterial contactCooper alloyMaterial contactCooper alloyMaterial contactPURNo. of poles4Width arcost fillsSV13Degree of protector (EN IEC 60529)IPES, IPERC, IPE7Side 2ECLASS 6.027279218Contance degree of protector (EN IEC 60529)27279218ECLASS 6.127279218ECLASS 6.127279218ECLASS 6.027279218ECLASS 5.027279218ECLASS 5.027279218ECLASS 5.027279218ECLASS 5.127060311ECLASS 5.127060312ECLASS 5.127060315ECLASS 5.127060315ECLASS 5.127060316ECLASS 5.127060316ECLASS 5.127060316ECLASS 5.127060316 </th <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
Tread ME2 1 sukable for corrugated lube (internal 0) 10 mm Sukable for corrugated lube (internal 0) A Material contact Copper allay Material contact Copper allay Material contact Copper allay Material contact SUP With aronse links SW13 Degree of protection (EN IEC 60529) IP65, IP60K, IP67 Store 2 Store 2 Store 3 gold plated Commercial data gold plated Contact a gold plated Contact a 2272018 ECLASS 4.0 22720218 ECLASS 4.0 22720218 ECLASS 4.0 227060311 ECLASS 4.0 27060311 ECLASS 4.0 27060311 ECLASS 4.1 27060311 ECLASS 5.0 ECO010455 Coutom staff number 8544290 OTN 4048878214537 Paolaging unit 1 Electrical data J Supply Supply Oparating voritage AC OL Listici 30 V <td>Coating contact</td> <td>gold plated</td>	Coating contact	gold plated
satabile for compared tube (internal 0) 10 mm Coding A Advertal contact Coper alloy Material PUR No. of poils 4 With access flats SW13 Degree of protection (EN IEC 60529) IPE6, IPE6R, IPE7 Side 2 Striggin (greght (iccket) 20 mm Coating contact god plated Commercial stat 27278218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27000311 ECLASS-7.0 27000311 ECLASS-7.0 27000311 ECLASS-7.0 27000311 ECLASS-7.0 27000311 ECLASS-7.1 27000311 ECLASS-7.1 27000311 ECLASS-7.1 27000311 ECLASS-7.0 250 V Operating voltage AC rule. Instend. 260 V Operating voltage AC rule. Instend.	Family construction form	M12
Cading A Material Copparaloy Material PUR No. of poles 4 Width access fatals SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Stde 2 Stde 2 Stoppong length (poken) 20 mm Coating contact gold plated Contact gold plated Contact 2279218 ECLASS 6.0 27279218 ECLASS 6.1 2279218 ECLASS 6.0 27279218 ECLASS 6.0 27060311 ECLASS 6.1 27060311 ECLASS 6.1 27060311 ECLASS 7.0 2	Thread	M12 x 1
Material Coppor alay Material PUR No. of pois 4 With across lats SW13 Dagroa of protection (EN EC 6028) IPS6, IPS6R, IPS7 Side 2 Stropping longht (jcxkl) 20 mm Coating contact god plated Commercial stat ECLASS-6.0 22727818 ECLASS-6.0 22727818 ECLASS-7.0 22727818 ECLASS-7.0 22727818 ECLASS-8.0 22727818 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 9.0 ECO01865 ECLASS 9.0 27060311 ETM 5.0 ECO01865 ECLASS 9.0 ECLASS 9.0 GTN 4048879214537 Packaging unit 1 Electrical das [Suppy Coparating voltage AC max. 250 V Coparating voltage AC max. 250 V Coparating voltage AC max. 250 V Coparating voltage AC max. 250 V Coparating voltage AC max. 250 V <	suitable for corrugated tube (internal Ø)	10 mm
Material PUR No. di poles 4 With across liabis SW13 Degree of protection (EN IEC 60520) IP65, IP66K, IP67 Side 2 Side protection (EN IEC 60520) IP65, IP66K, IP67 Side a Commorcial dat gold plaisd Commorcial dat ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0.0 27279218 ECLASS-8.0.1 27060311 ECLASS-9.0 27060311 ECLASS 1.1 27060311 ECLASS 1.2 27060311 ETM-5.0 EC001855 cuatoms tarff number 8544280 GTIN 40487214337 Parkaging uni 1 Etectrical data Sppid 1 Operating voltage AC max. 260 V Operating voltage AC max. 260 V Operating voltage AC (UL-listed) 30 V Current operating nortage CL	Coding	A
No. of poles 4 Widh across flats SW13 Degree of protoction (ENTEC 06529) IPES IP6KI, IP67 Side 2 2 Stripping length (lacket) 20 mm Coating contact gold pleted Commercial data U ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 2766311 ECLASS-12.0 2766311 ECLASS-12.0 27660311 ETIM-6.0 EC001855 Outomot timunbr 85442490 GTIM 4048678214537 Packaging unit 1 Edectical data Isoppy Corrent operating voltage AC max. Operating voltage AC (UL-Listet)	Material contact	Copper alloy
Widh across flats SW13 Degree of protection (EN IEC 60529) IP55, IP66K, IP67 Stipping length (tackot) 20 mm Commorcial dat gold plated Commorcial dats 2773218 ECLASS-6.0 27273218 ECLASS-6.1 27273918 ECLASS-6.0 27273918 ECLASS-6.0 27273918 ECLASS-6.0 27273918 ECLASS-6.0 27273918 ECLASS-6.0 27273918 ECLASS-6.0 27270918 ECLASS-6.0 27270918 ECLASS-6.0 27270918 ECLASS-7.0 27060311 ECLASS-7.0 27060311 ECLASS-7.0 27060311 ECLASS-7.0 27060311 ECLASS-7.0 27060311 ECLASS-7.0 ECO8051 Commore 8544290 GTIN 4048878214537 Packaging unit 1 Electrical data Suppiv Operating voltage EC max. Operating voltage CD max. 250 V Operating voltage CD max.	Material	PUR
Degree of protection (EN IEC 60529) IP65. IP68K, IP67 Side 2 Sitipping length (jacket) 20 mm Commercial data gold plated Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-6.1 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-6.0 27279218 ECLASS-8.0 27260311 ECLASS-7.0 27060311 ECLASS-10.1 27600311 ECLASS-1.0 27060311 ECLASS-11.1 27060311 ECLASS-1.0 27060311 ECLASS-12.0 27060311 ECLASS-1.0 27060311 ECLASS-11.1 27060311 ECLASS-1.0 27060311 ECLASS-12.0 27060311 ECLASS-1.0 27060311 ECLASS-11.1 27060311 ECLASS-1.0 27060311 ECLASS-12.0 27060311 ECLASS-1.0 27060311 ECLASS-11.1 27060311 ECMASS-1.0 2706031 ECLASS-12.0 27060311 1 ECMASS-1.0 Dereting voltage AC max. <td< td=""><td>No. of poles</td><td>4</td></td<>	No. of poles	4
Sing length (jacket) 20 mm Coating contact gold plated Commercial data E ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27060311 ECLASS 7.0 27060311 ECLASS 7.0 2706031 ECLASS 7.0 2000185 Custom tailf number 550 V Operating voltage AC max. 250 V Operating voltage AC (UL-Isleed) 30 V Operating voltage AC (UL-Isleed) 30 V Operating voltage DC (U	Width across flats	SW13
Shipping length (jacket) 20 mm Coating contact gold plated Commercial dats ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27060311 ECLASS-7.0.1 27060311 ECLASS-7.0 27060311 Deternity witinge DC max. 250 V Operatiny witinge DC m	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coaling contact gold plated Commercial data	Side 2	
Commercial data ECLASS-6.0 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-1.1 27060311 ECLASS-1.2.0 250 V Operating voltage AC (UL-listed) 30 V Current operating apt contact max. 40 Current operating apt contact max.	Stripping length (jacket)	20 mm
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS.0 27279218 ECLASS.0 27279219 ECLASS.0 27279219 ECLASS.0 27279219 ECLASS.0.1 27060311 ECLASS.10.1 27060311 ECLASS.11.1 27060311 ECLASS.12.0 27060311 ECLASS.12.0 27060311 ECLASS.13.1 27060311 ECLASS.14.0 27060311 ECLASS.15.0 EC001855 oustoms taiff number 85444290 GTIN 4048378214537 Packaging unit 1 Eterical data [Supply Operating voltage AC max. Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Current operating por contact max. 4 A Diagnostics Status indication LED Stripping length (jacket) 20 mm Mounting set M12 x 1	Coating contact	gold plated
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS.0 27279218 ECLASS.0 27279219 ECLASS.0 27279219 ECLASS.0 27279219 ECLASS.0.1 27060311 ECLASS.10.1 27060311 ECLASS.11.1 27060311 ECLASS.12.0 27060311 ECLASS.12.0 27060311 ECLASS.13.1 27060311 ECLASS.14.0 27060311 ECLASS.15.0 EC001855 oustoms taiff number 85444290 GTIN 4048378214537 Packaging unit 1 Eterical data [Supply Operating voltage AC max. Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Current operating por contact max. 4 A Diagnostics Status indication LED Stripping length (jacket) 20 mm Mounting set M12 x 1	Commercial data	
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27260311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 85444290 GTIN 4048878214537 Packaging unit 1 Electrical data Supply		27270218
ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27060311 ECLASS 9.0 27060311 ECLASS 7.0 ECOD1855 oustoms tariff number 85444290 GTIN 4048872914837 Packaging unit 1 Electrical data Supply 250 V Operating voltage AC max. 250 V Operating voltage AC (LL-listed) 30 V Operating voltage AC (UL-listed) 30 V Diagnostics Installation Connection Stripping length (acket) 20 mm Mounting set M12 x 1 Device prote		
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 ETIM-5.0 EC001855 outsoms taff number 8544290 GTIN 4048979214537 Packaging unit 1 Electrical data [Supply Coperating voltage AC max. Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating per contact max. 4 A Diagnostics Status indication LED Stipping length (iacket) 20 mm Mounting set M12 x 1 Device protection Electrical 30 Addition ondition protection digree inserted, screwed Pollution Degree 3 Rated surge voltage AC (IM-Listed) 1 Material group (IEC StoGet-1) 1		
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 08444290 GTIN 4048879214537 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Current operating rototage DC (UL-listed) 30 V Current operating rototage DC (UL-listed) 30 V Current operating prototat max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree 3 Rated surge voltage 2.5 kV Ma		
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 tariff number 85444290 GTIN 4048879214537 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (LL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (EC 60		
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs taiff number 85444290 GTIN 4048879214537 Packaging unit 1 Electrical data Supply Operating voltage AC max. Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Current operating porting per contact max. 4 A Diagnostics Status indication LED Status indication LED no Installation Connection Stripping length (lacket) Stripping length (lacket) 20 mm Mounting set M12 1 Device protection Electrical Additional condition protection degree Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled		
ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 85444290 GTIN 4048379214537 Packaging unit 1 Electrical data Supply Coperating voltage AC max. Operating voltage AC max. 250 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 Status indication LED no Installation Connection M12 x 1 Device protection Electrical M12 x 1 Device protection Electrical Status in govitage Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (EC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM		
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 404879214537 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating of fitting Coating looking <t< td=""><td></td><td></td></t<>		
customs tariff number 85444290 GTIN 4048879214537 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics 0 Status indication LED no Installation Connection 1 Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Poliution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material s		
GTIN 4048879214537 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 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) 20 mm Mounting set Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Pated surge voltage 2,5 kV Material group (IEC 60664-1) 1		
Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 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 M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Material		
Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics 50 V Status indication LED no Installation Connection 50 Y X Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical A Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Operating voltage AC max. 250 V Operating voltage DC max. 250 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 20 mm Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating softifting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Operating voltage DC max. 250 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 20 mm Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating strip FKM Locking material Zinc die-casting Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		250 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 no Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Coating of fitting nickel plated Material group concetion Zinc die-casting Material ascrew connection Zinc die-casting Material screw 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 M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating of fitting nickel plated Material grow connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting		
Current operating per contact max. 4 A Diagnostics Status indication LED Installation Connection no Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating af 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 M12 x 1 Device protection Electrical Inserted, screwed Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating string 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 M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data V Coating locking Nickeled Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data V Coating locking Nickeled Coating of fitting nickel plated Material group connection FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting		
Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Image: Stripping length (jacket) Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 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	Status indication LED	no
Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 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	Installation Connection	
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 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
Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage2,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 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	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 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	Additional condition protection degree	inserted, screwed
Rated surge voltage 2,5 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 Mounting data Vickeled	-	
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 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 Image: Casting		
Material screw connection Zinc die-casting Mechanical data Mounting data		
Mechanical data Mounting data		
		• •
montos, coromos, original protosion		inserted screwed Shaking 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: 2024-04-28



Environmental characteristics Climatic			
Operating temperature min.	-25 °C		
Operating temperature max.	85 °C		
Additional condition temperature range	depending on cable quality		
Important installation notes			
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be		
Note on bending radius	endangered by excessive bending forces.		
Conformity			
Product standard	DIN EN 61076-2-101 (M12)		
Installation Cable			
Cable identification	613		
Cable Type	1		
Jacket Color	black		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	3 wires twisted		
wire arrangement	brown, black, blue		
Cable weigth	34,1 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)	4,6 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	good machinability		
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free		
Amount strands (wire)	19		
Diameter of single wires	0,15 mm		
Conductor crosssection (wire)	0,34 mm ²		
Material conductor wire	Stranded copper wire, bare		
Conductor type (wire)	Strand class 5		
Current load capacity (standard)	to DIN VDE 0298-4		
Current load capacity min. wire	6 A		
Electrical resistance line constant wire	57 Ω/km @ 20 °C		
Nominal voltage power AC max.	300 V		
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s		
AC withstand voltage power (wire - wire)	2 kV @ 60 s		
Min. operating temperature (static)	-30 °C		
Max. operating temperature (fixed)	0° 08		
Operating temperature min. (dynamic)	-5 ℃		
Operating temperature max. (dynamic)	0° 08		
UV resistance	DIN EN ISO 4892-2 A		
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090		
chemical resistance	Good, application-related testing		
Gasoline resistance	Good, application-related testing		
Oil resistance	Good, application-related testing DIN EN 60811-404		
Bending radius (fixed)	5 x Outer diameter		
Bending radius (dynamic)	10 x Outer diameter		
	rmation in this Product-PDF has been compiled with the utmost care.		

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: 2024-04-28



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: 2024-04-28