

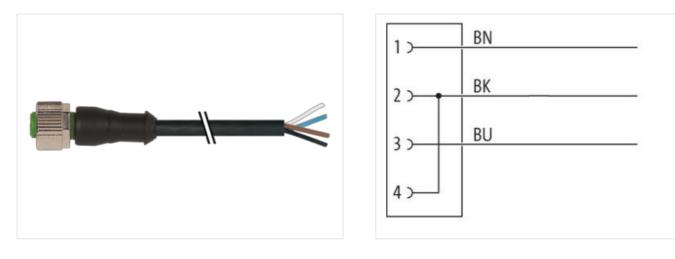
M12 female 0° A-cod. with cable

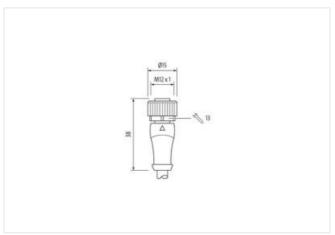
PVC 3x0.34 bk UL/CSA 20m

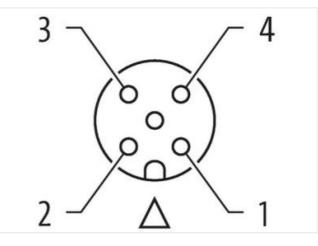
Female straight M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable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

Link to Product

Illustration







Product may differ from Image



Cable length

20 m

0,6 Nm

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: 2024-05-14



Family construction form M12 Thread M12 × 1 atable for conrugated tube (internal (2) 10 mm Gading A Material contact Cooper alloy Material PUR No. of polas 4 With arcoss flats SW13 Degree of protection (EN IEC 60599) IPER, IPER(, IPE7 Side 2 Construction (EN IEC 60599) Cathing contact gold platiod Commercial data Gold platiod Construction (EN IEC 60599) 217279218 ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27000311 ECLASS 7.0 27000311 ECLASS 7.1 27000311 ECLASS 7.1 27000311 ECLASS 7.1 27000311 ETM 5.0 ECO01055 ECLASS 7.0 27000311 ETM 5.0 ECO01055 Control Gal Stapp) Gold Stapoochoo Oparating	Mounting method	inserted, screwed
Family construction from M12 Thread M12 × 1 coling A Milardi contal Copy alloy Material contal Copy alloy Stripping length (jacket) 20 mm Contant Copy alloy Contant	Coating contact	gold plated
Thread M12 x 1 stabile for corrugated tube (internal 0) 10 mm Stabile for corrugated tube (internal 0) A Material contact Copper alloy Material contact Copper alloy Material contact Copper alloy Material contact PUH No. of poles 4 Witch across firsk SW13 Degree of protection (EN IEC 60829) IP65, IP66K, IP67 Stde 2 Control operated Controp contact gold plated Controp contact 22729218 ColLASS 10 2729218 ColLASS 10.1 27060311 ColLASS 10.2 27000311 <	Family construction form	
Coding A Material contact Copper allay Material contact Copper allay Material contact PUB No. of polas 4 Witch arcoss finals SW13 Dagree of protocton (EN IEC 60529) IP65, IP66K, IP67 Side 2 Side 3 SW13 Conting contact gold plated Conting contact gold plated Conting contact gold plated Conting contact gold plated Contact Sing Contact 27279218 ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27090311	Thread	M12 x 1
Material Copper alloy Material PUR No. of poiss 4 With accosa flais SW13 Degree of protection (EN EC 60820) IP65, IP67, IP67 Singing Inorght (Eack) 20 mm. Coating contact gold plated Commorcial dia E ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-7.0 2279218 ECLASS-8.0 2279218 ECLASS-8.0 2279218 ECLASS-7.0 2279218 ECLASS-1.1 27060311 ECLASS-1.2 20060311 ECLASS-1.2 20000311 ETM-5.0 ECO01695 Control and intrustrow 8544200 GTIN 404872214537 Paractagri unit 1 Electrical data [Suppi/ E Oparating voltage AC max. 250 V	suitable for corrugated tube (internal \emptyset)	10 mm
Material Copper alloy Material PUR No. of poiss 4 With accosa flais SW13 Degree of protection (EN EC 60820) IP65, IP67, IP67 Singing Inorght (Eack) 20 mm. Coating contact gold plated Commorcial dia E ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-6.0 2279218 ECLASS-7.0 2279218 ECLASS-8.0 2279218 ECLASS-8.0 2279218 ECLASS-7.0 2279218 ECLASS-1.1 27060311 ECLASS-1.2 20060311 ECLASS-1.2 20000311 ETM-5.0 ECO01695 Control and intrustrow 8544200 GTIN 404872214537 Paractagri unit 1 Electrical data [Suppi/ E Oparating voltage AC max. 250 V	Coding	Α
Material PUR No. of poles 4 Wo. of poles 4 Wo. of poles 500 Work across fists SVI /3 Dagroe of prolection (EN EC 60529) IP65, IP60K, IP67 Side 2 Prolection (EN EC 60529) Side 2 Side 2 Commercial data gold plated Commercial data 22729218 ECLASS 8.0 22729218 ECLASS 8.0 27278218 ECLASS 8.0 27060311 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECMASS 1.0 20601855 Cualaris full number 8544290 OTN 40485781557 Packaground 1 Electrical data [Supply Operating voltage AC full-steed	Material contact	Copper alloy
Na. of poles 4 With accoss flats SW13 Degree of protection (EN EC 6025) IPS, IPB6N, IPS7 Side 2 2 Side 1 0 ml Contant contal 0gd plaed Commercial dat 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.1 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-8.0 27060311 ECLASS-8.1 27060311 ECLASS-8.1 27060311 ECLASS-8.1 27060311 ECLASS-8.1 27060311 ECLASS 12.0 27060311 ETM-6.0 EC001885 Contation Isfir fumber 6844290 GTIN 4048879214337 Packaging unit 1 Depresting voltage AC max. 250 V Operating voltage AC (LL-Isled) 30 V Operating voltage AC (LL-Isled) 30 V Operating voltage AC (LL-Isled) 30 V Operating voltage AC (LL-Isled)	Material	
Widh across flats SW13 Degree of protection (EN IEC 68529) PES, IP6K, IP67 Shipping length (jacket) 20 mm Conting contact gold plated Commercial data gold plated Contact contact 27279218 ECLASS 6.0 27279218 ECLASS 5.1 27279218 ECLASS 5.0 27279218 ECLASS 5.0 27260311 ECLASS 5.0 27060311 ECLASS 5.1 27060311 ECLASS 5.1.0 27060311 ECLASS 5.1.1 27060311 ECLASS 5.1.0 27060311 ECLASS 5.1.0 27060311 ECLASS 5.1.0 27060311 ECLASS 5.1.1 27060311 ECLASS 5.1.1 27060311 ECLASS 5.1.1 27060311 ECLASS 5.1.1 27060311 ECLASS 5.1.2 27060311 ECLASS 5.1.1	No. of poles	4
SHo Pain Pain Pain Pain Pain Pain Pain Pain	Width across flats	SW13
SHo Pain Pain Pain Pain Pain Pain Pain Pain	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Casting contact gold plated Commercial data E EGLASS 6.0 27279218 EGLASS 7.0 27279218 EGLASS 7.0 27279218 EGLASS 8.0 27279218 EGLASS 8.0 27209311 EGLASS 9.0 27090311 EGLASS 9.0.1 27090311 EGLASS 9.0 27090311 EGLASS 9.1.1 27090311 EGLASS 9.1.2 27060311 EGLASS 9.1.3 27090311 EGLASS 9.1.4 27090311 EGLASS 9.1.5 27060311 EGLASS 9.1.6 27060311 EGLASS 9.1.7 4048879214537 Packaging unt 1 Edetrical data Suppt 250 V Oper		
Casting contact gold plated Commercial data E EGLASS 6.0 27279218 EGLASS 7.0 27279218 EGLASS 7.0 27279218 EGLASS 8.0 27279218 EGLASS 8.0 27209311 EGLASS 9.0 27090311 EGLASS 9.0.1 27090311 EGLASS 9.0 27090311 EGLASS 9.1.1 27090311 EGLASS 9.1.2 27060311 EGLASS 9.1.3 27090311 EGLASS 9.1.4 27090311 EGLASS 9.1.5 27060311 EGLASS 9.1.6 27060311 EGLASS 9.1.7 4048879214537 Packaging unt 1 Edetrical data Suppt 250 V Oper	Stripping length (jacket)	20 mm
Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27060311 ECLASS-1.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27079218 Custon taff number 8544290 Garant yotlage AC (IL-Isted) 30 V Operating voltage AC (IL-Isted) 30 V Curent operating vo		
ECI.ASS-6.027279218ECI.ASS-7.027279218ECI.ASS-7.027279218ECI.ASS-8.027279218ECI.ASS-8.027279218ECI.ASS-9.027060311ECI.ASS-10.127060311ECI.ASS-11.127060311ECI.ASS-12.027060311Eci.ASS-12.027001425Operating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage DC UL-Isted)30 VOperating voltage DC UL-Isted)30 VOperating voltage DC UL-Isted)30 VStipping length (jacket)0 mmMouting etalMaterial screwedPolitoin Degree3Rate aurge voltage2.5 kVMaterial co		
ECLASS-6.1 27278218 ECLASS-7.0 27278218 ECLASS-8.0 27278218 ECLASS-8.0 27260311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 ECO01855 customs tainfit number 8544290 GTIN 40489724537 Packaging unit 1 Electrical data [Supply 250 V Operating voltage C Cmax. 250 V Operating voltage C Cmax. 250 V Operating voltage C (UL-listed) 30 V		
ECLASS-7.0 27278218 ECLASS-8.0 27278218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 2706031 GTIN 408679214537 Packaging unit 1 Electrical data Isoppita 250 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagoptita 10 <		
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 taiff number 85444290 GTIN 4044879214537 Packaging unit 1 Electrical data [Supply Comparing voltage AC max. Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage DC CUL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-		
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETM-5.0 EC001855 customs tariff number 85444290 GTIN 404837214537 Packaging unit 1 Electrical data Supply		
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECO01895 customs tariff number 85444290 GTIN 4048879214537 Packaging unit 1 Electrical data [Supply Electrical data [Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (L-Isited) 30 V Current operating voltage AC (UL-Isited) 30 V Operating voltage AC (UL-Isited) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Installation [Connection Mitz 1 Device protection Electrical Status indication Degree 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 Inc die-casting <td>ECLASS-8.0</td> <td></td>	ECLASS-8.0	
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 outsoms taff number 85444290 GTIN 4048679214537 Packaging unit 1 Electrical data Supply Coperating voltage AC max. Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Diagnostics Status indication LED Status indication LED no Installation Connection Mit x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge vo	ECLASS-9.0	
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 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 (IL-listed) 30 V Operating voltage AC (IL-listed) 30 V Operating voltage AC (IL-listed) 30 V Operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jackel) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Polition Degree 3 Rated surge voltage 2,5 kV Material graup (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material graup woltages FKM Locking material Zinc die-casting Material graup woltage Zinc die-casting	ECLASS-10.1	
ETIM-5.0 EC001885 customs tariff number 85444290 GTIN 404879214537 Packaging unit 1 Electrical data Supply Derating voltage AC max. Operating voltage AC max. 250 V Operating voltage AC (LL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Installation Connection Status indication LED Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Sterwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Steleed Coating looking Nickeled Coating looking Nickeled Coating of fitting nickel plated	ECLASS-11.1	27060311
customs tariff number 85444290 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 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 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 inckeled Coating locking Nickeled Coating of fitting nickel plated Material group (IEC 60664-1) FKM Locking material	ECLASS-12.0	27060311
GTIN 4048879214537 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 4 A Diagnostics 50 V Status indication LED no Installation Connection 20 mm Strippi length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Polution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply 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 Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics status indication LED Installation Connection no 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) 1 Material group (IEC 60664-1	customs tariff number	85444290
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 voltage DC (UL-listed) 30 V Diagnostics V Status indication LED no Installation Connection V Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Nickel Scienced Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material gasket Zinc die-casting	GTIN	4048879214537
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 Installation Connection no Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data FKM Coating locking Nickeled Coating locking Nickeled Coating strip screw connection Zinc die-casting Material gasket FKM Locking material Zinc die-casting	Packaging unit	1
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 no Installation Connection Status indication LED no Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical M12 x 1 Stripping length (jacket) 2.5 kV Additional condition protection degree inserted, screwed Screwed Screwed Pollution Degree 3 Screwed Screwed <td< td=""><td>Electrical data Supply</td><td></td></td<>	Electrical data Supply	
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 no Installation Connection Status indication LED no Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical M12 x 1 Stripping length (jacket) 2.5 kV Additional condition protection degree inserted, screwed Screwed Screwed Pollution Degree 3 Screwed Screwed <td< td=""><td>Operating voltage AC max.</td><td>250 V</td></td<>	Operating voltage AC 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 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 locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		250 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 inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating of fitting nickel plated Material gasket FKM Looking material Zinc die-casting Material screw connection Zinc die-casting		30 V
Current operating per contact max. 4 A Diagnostics no Installation LED no Installation Connection 20 mm Mounting set M12 x 1 Device protection Electrical inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Nickeled Coating locking Nickeled Coating of fitting nickel plated Material group connection FKM Locking material Zin cile-casting Material screw connection Zin cile-casting	Operating voltage DC (UL-listed)	30 V
Diagnostics Status indication LED no Installation Connection 20 mm 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) I Mechanical data Material data I Coating locking Nickeled Coating locking Nickeled Coating af fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zin cdie-casting		
Status indication LED no Installation Connection 20 mm Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical		
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) I Coating locking Nickeled Coating got fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
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) 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		по
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 I 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) 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	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 2,5 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	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	Pollution Degree	-
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	Rated surge voltage	2,5 kV
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
Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	Mechanical data Material data	
Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	Coating locking	Nickeled
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data	Coating of fitting	nickel plated
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Vertical screw connection	Material gasket	· · · · · · · · · · · · · · · · · · ·
Material screw connection Zinc die-casting Mechanical data Mounting data Image: Construction of the construction	Locking material	Zinc die-casting
Mechanical data Mounting data	Material screw connection	
		·
mounting motion intorion, solewed, onarring protection		inserted screwed Shaking protection
		וושבונכע, שובאיבע, טוומתווע איטנבגווטוו

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: 2024-05-14



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.
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 61076-2-101 (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
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
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



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: 2024-05-14