

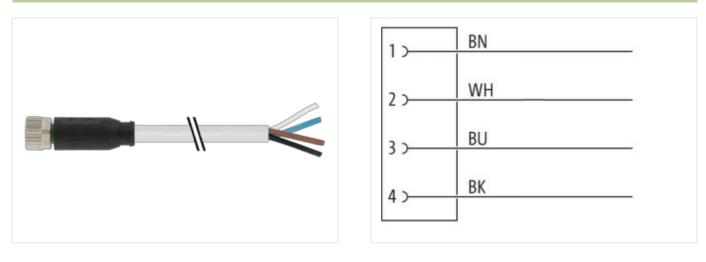
## M8 female 0° A-cod. with cable

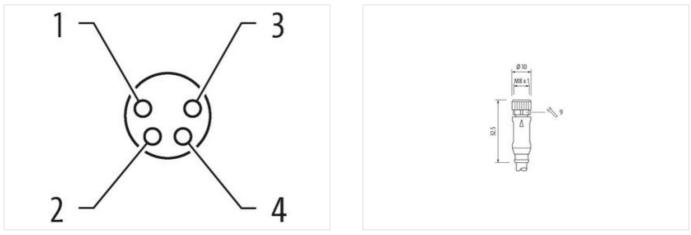
PVC 4x0.25 gy UL/CSA 6m

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



Cable length 6 m Side 1 0,4 Nm 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: 2024-05-11

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Family construction form         M8           Thread         M8 x 1           unlable for corrupgate fubse (internal Q)         6.5 mm           Coding         A           Material contral         Copper aloy           Material contral         PUR           No. of ples         4           Weth across fats         SW9           Degree of protection (EN IEC 00529)         IPBS, IPBGK, IP67           Side 2         Stripping length (jackol)         20 mm           Coaling contral         god plated           Family construction form         free sable end           Commercial data         22729218           ECLASS-6.0         22729218           ECLASS-7.0         22729218           ECLASS-7.0         22729218           ECLASS-7.0         22709218           ECLASS-7.0         22709218           ECLASS-7.1         27060311           ECLASS-7.0         22708218           ECLASS-7.1         27060311           ECLASS-7.1         27060311           ECLASS-7.1         27060311           ECLASS-7.1         27060311           ECLASS-7.1         27060311           ECLASS-7.1         27060311 <t< th=""><th>Mounting method</th><th>inserted, screwed</th></t<>	Mounting method	inserted, screwed
Thread         M9 + 1           solitable for corrugaled lubs (internal G)         8,5 mm           Solitable for corrugaled lubs (internal G)         A           Material contact         Oppor allay           Material contact         Oppor allay           Material contact         Oppor allay           Material contact         Style           No. of polos         4           Wich across finds         Style           Style         WP           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Style         E           Contant contact         gold plated           Contant contact         gold plated           Contant contact         gold plated           Contact contact mode         gold plated	Coating contact	gold plated
subable for corrugated tube (internal 6) Coding A Coding A Coding A Coding A Coding Co	Family construction form	M8
Cading         A           Material         Coppor alloy           Material         PUR           No. of poles         4           Witch across filts         SW9           Degree of protection (EN IEC 60520)         IP65, IP66K, IP67           Stde 2         Stde 2           Conting contact         pold plated           Staffy contact         pold plated           Contang contact         pold plated           Contage contact         pold plated<	Thread	M8 x 1
Material         Copper alloy           Material         PUR           No. of polos         4           With accoss flats         SW9           Degree of protection (EN IEC 60269)         IP65, IP67, IP67           Sile 2         U           Stroppin (enght, Gackit)         20 mm           Conting contact         gold plated           Family construction form         Inco cable ond           Contact Contact         gold plated           Family construction form         Inco cable ond           Contact Contact Contact         gold plated           Family construction form         Inco cable ond           Contact Conta	suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Material         Copper alloy           Material         PUR           No. of polos         4           With accoss flats         SW9           Degree of protection (EN IEC 60269)         IP65, IP67, IP67           Sile 2         U           Stroppin (enght, Gackit)         20 mm           Conting contact         gold plated           Family construction form         Inco cable ond           Contact Contact         gold plated           Family construction form         Inco cable ond           Contact Contact Contact         gold plated           Family construction form         Inco cable ond           Contact Conta	Coding	Α
Material         PUR           No. of poles         4           Wold across fields         SW9           Degree of protection (EN IEC 60528)         IPES, IP66K, IP87           Side 2            Side pole serving (lackot)         20 nm           Coating contact         gold piled           Family construction from         ree cable end           Commocial dat         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0.         27060311           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 9.2         27060311           ECMASS 9.2         27060311           Could S5         200           GTIN         4948920           GTIN         49544290           GTIN         404877292975           Pachagingu	Material contact	Copper alloy
Na. of poles         4           Witch across flats         SW9           Degree of prolection (EN ECG 6029)         PEG, IP67, IP67           Side 2         2           Side 1         opd jaled           Sociarig contact         opd jaled           Family construction form         fee cable end           Commercial dat         27279218           EGLASS 6.0         27279218           EGLASS 7.0         27279218           EGLASS 8.0         27060311           EGLASS 8.1         27060311           EGLASS 1.1         27060311           EGLASS 8.1         27060311           EGLASS 1.2         27060311           EGLASS 1.2         27060311           EGLASS 1.1         27060311           EGLASS 1.2         27060311           EGLASS 1.2         27060311           EGLASS 1.2         27060311           EGLASS 1.2         27060311           Derical data [Supply         2           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC (Lui-Lieted)         30 V           Operating voltage AC (Lui-Lieted)         30 V           Operating voltage	Material	
Widh across fluis         SVM9           Degree of protection (EN IEC 68529)         IPES, IPE6X, IPE7           Stripping length (jacker)         20 mm           Conting contail         gold plated           Fingly construction form         free cable and           Commorcial dat         22779218           EGLASS 4.0         22729218           EGLASS 5.0         27279218           EGLASS 5.0         27279218           EGLASS 5.0         27260311           EGLASS 5.0         27060311           EGLASS 5.1         27060311           EGLASS 5.2.0         27060311           Deracting value A.C max.         50 V           Operating value D.C max.         60 V           Operating value D.C max.         70 V	No. of poles	4
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Side protection (EN IEC 60529)           Side protection (EN IEC 60529)         O mn           Commercial data         goid plated           Family construction form         free cabbe end           Commercial data         27279218           ECLASS 5.0         27279218           ECLASS 5.0         27279218           ECLASS 5.0         27260311           ECLASS 5.1         27060311           ECLASS 5.1.1         27060311           ECLASS 5.1.2         27060311           ECLASS 5.1.1         2706031		SW9
Shipping length (jacket)         20 mm           Coating contact         gold plated           Family construction form         free cable end           Commercial dat         22739218           ECLASS 5.0         22739218           ECLASS 5.0         272739218           ECLASS 5.0         272739218           ECLASS 5.0.0         272739218           ECLASS 5.0.1         27060311           ECLASS 5.10.1         27060311           ECLASS 5.12.0         50 V           Operating voltage DC max. <td>Degree of protection (EN IEC 60529)</td> <td></td>	Degree of protection (EN IEC 60529)	
Ocating contact         gold plated           Family construction form         free cable end           Commercial data         ECLASS 6.0         27279218           ECLASS 7.0         27279218         ECLASS 7.0           ECLASS 8.0         27279218         ECLASS 7.0           ECLASS 8.0         27279218         ECLASS 8.0           ECLASS 9.0         27279218         ECLASS 9.0           ECLASS 9.1         27060311         ECLASS 9.1           ECLASS 9.1         1         Edecideal 9.1           Detasting Indian 1         1         Edecideal 9.1           Edecideal Suppy         0         V         Operating voltage AC max.         50 V	Side 2	
Ocating contact         gold plated           Family construction form         free cable end           Commercial data         ECLASS 6.0         27279218           ECLASS 7.0         27279218         ECLASS 7.0           ECLASS 8.0         27279218         ECLASS 7.0           ECLASS 8.0         27279218         ECLASS 8.0           ECLASS 9.0         27279218         ECLASS 9.0           ECLASS 9.1         27060311         ECLASS 9.1           ECLASS 9.1         1         Edecideal 9.1           Detasting Indian 1         1         Edecideal 9.1           Edecideal Suppy         0         V         Operating voltage AC max.         50 V	Stripping length (jacket)	20 mm
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         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.0         27060311           Electrical data [Supply         0           Operating voltage AC (nx.         50 V           Operating voltage AC (UL-Isted)         30 V           Depreting voltage AC (UL-Isted)		gold plated
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         27260311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           Detectad tal Suppit         50 V           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC max.         4 A           Diagnostics         20 mm           Statis initication LED<		
ECI.ASS-6.027279218ECI.ASS-7.027279218ECI.ASS-8.027060311ECI.ASS-9.027060311ECI.ASS-10.127060311ECI.ASS-10.127060311ECI.ASS-12.027060311ECI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.027060311CI.ASS-12.02707Packaging unit1Electrical datal Supply30 VOperating voltage DC max.60 VOperating voltage DC max.60 VOperating voltage DC max.30 VOperating voltage DC max.4 ADiagnostics20 mmStatus indication LEDnoInstalial for Connetion4X 1Device protection   ElectricalAdditional condition protection degreeinstred, sprewedPolition Degree3Rated aurgo voltage data1.5 kVMaterial group (IEC 60664-1)1Instred aurgo voltage datal Material gasketFKMCasting of		
ECLASS-7.0         27278218           ECLASS-9.0         27278218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           Eclass-1.1         44887229975           Packaging unit         1           Elecrical data  Supply         50 V           Operating voltage DC (UL-listed)         30 V           Current operating voltage DC (UL-listed)         30 V           Current operating por contact max.         4 A           Device protection   Elecri		
ECLASS-8.0         27278218           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           coustoms taiff number         85444290           GTIN         404887922975           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage AC max.         60 V           Operating voltage DC LU-listed)         30 V           Operating voltage DC LU-listed)         30 V           Operating voltage DC LU-listed)         30 V           Outpent ovoltage DC LU-listed)         30 V           Strub indication LD         no           Installation Concetion         Ma 1           Device protection [Electrical         Ma 1 <td< td=""><td></td><td></td></td<>		
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         4048879229975           Packaging unit         1           Electrical data   Supply		
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         ECO01855           customs tariff number         85444290           GTIN         4048879229975           Packaging unit         1           Electrical data [Supply         Electrical data [Supply           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Operating voltage AC (L-Isited)         30 V           Current operating voltage AC (L-Isited)         30 V           Operating voltage AC (L-Isited)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           Device protection I Electrical         Electrical data [Surger of tage AC (L-ISING)           Additional condition protection degree         3           Rated surge voltage AC (L-ISING)         1           Mechanical data [Material data         ISINP           Coating of fitting         nickel plated           Additional condition protection degree         3           Rated surge voltage <td< td=""><td></td><td></td></td<>		
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs taff number         85444290           GTIN         4048679229975           Packaging unit         1           Electrical data   Supply         Coperating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Diagnostics         Status indication LED           Status indication LED         no           Installation   Connection         Material societion   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage Cotage         1,5 kV           Material gasket         FKM           Coating of titting         nickeled<		
ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879229975       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     50 V       Operating voltage AC max.     50 V       Operating voltage AC (IL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics        Status findcation LED     no       Installation   Connection        Stripping length (jacket)     20 mm       Mounting eat     M8 x 1       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Poliution Degree     3       Rated surge voltage     1,5 kV       Material graph (Jacket)     1       Mechanical data   Material data        Coating locking     Nickeled       Coating of fitting     nickel plated       Material graph (Jacket)     Zine die-casting       Material screw connection     Zine die-casting		
ETIM-5.0         EC001885           customs tariff number         85444290           GTIN         404879229975           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Operating voltage AC (LL-listed)         30 V           Operating voltage AC (LL-listed)         30 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         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 forking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM		27060311
customs tariff number         85444290           GTIN         4048879229975           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 AC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics            Status indication LED         no           Installation I 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         Sickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Coating of fitting         Nickeled           Coating of fitting         <		27060311
GTIN     4048879229975       Packaging unit     1       Electrical data   Supply       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        Status indication LED     no       Installation   Connection        Strippi length (jacket)     20 mm       Mounting set     Max 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Polution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Coating of fitting     nickel plated       Material group (IEC 60664-1)     1       Meterial group (IEC 60664-1)     1       Meter	ETIM-5.0	
Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     50 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     Ino       Status indication LED     no       Installation   Connection     Ino       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       Coating of fitting     nickele plated       Coating of fitting     nickele plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting	customs tariff number	85444290
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 voltage DC (UL-listed)         30 V           Status indication LED         no           Installation I Connection         no           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical         M8 x 1           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         Mckeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting	GTIN	4048879229975
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	Packaging unit	1
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         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         Coating locking           Coating locking         Nickeled           Coating locking         Nickeled           Coating strip and it is group of titing         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting	Electrical data   Supply	
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         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         Coating locking           Coating locking         Nickeled           Coating locking         Nickeled           Coating strip and it is group of titing         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 (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         no           Status indication LED         no           Installation   Connection         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         Voiceled           Coating locking         Nickeled           Coating setting         Nickeled           Coating setting         FKM           Locking material         Zinc die-casting           Material serve connection         Zinc die-casting	Operating voltage DC max.	60 V
Current operating per contact max.       4 A         Diagnostics       no         Status indication LED       no         Installation   Connection       20 mm         Mounting set       20 mm         Device protection   Electrical       M8 x 1         Device protection   Electrical       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         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	Operating voltage AC (UL-listed)	30 V
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         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zin cdie-casting	Operating voltage DC (UL-listed)	30 V
Status indication LED       no         Installation   Connection       20 mm         Stripping length (jacket)       20 mm         Mounting set       M8 x 1         Device protection   Electrical       40 mm         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         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	Current operating per contact max.	4 A
Status indication LED       no         Installation   Connection       20 mm         Stripping length (jacket)       20 mm         Mounting set       M8 x 1         Device protection   Electrical       40 mm         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         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	
Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical         Inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Vechanical data   Material data         Vickeled           Coating locking         Nickeled           Coating soft fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting	•	
Stripping length (jacket)       20 mm         Mounting set       M8 x 1         Device protection   Electrical       inserted, screwed         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       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting		
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     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       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	Stripping length (jacket)	20 mm
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	Mounting set	M8 x 1
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	Device protection   Electrical	
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	Additional condition protection degree	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	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	Rated surge voltage	1,5 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   Mounting data       Mounting data	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     Vechanical data   Mounting data	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	
		• •
		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: 2024-05-11

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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.	
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 61076-2-104 (M8)	
Installation   Cable		
Cable identification	211	
Cable Type	1	
Jacket Color	gray	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	4 wires twisted	
wire arrangement	brown, black, blue, white	
Cable weigth	34,76 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)	4.8 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PVC	
Amount wires	4	
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)	14	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,25 mm <sup>2</sup>	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	3,6 A	
Electrical resistance line constant wire	79 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	2 kV @ 60 s	
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s	
Min. operating temperature (static)	-30 °C	
Max. operating temperature (fixed)	80 °C	
Operating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	80 °C	
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Oil resistance	Good, application-related testing   DIN EN 60811-404	
Bending radius (fixed)	5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	

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