

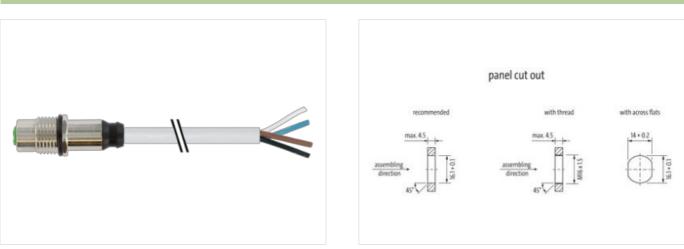
## M12 female recept. A-kod. with cable rear

PUR 4x0.34 gr UL/CSA 5.0m

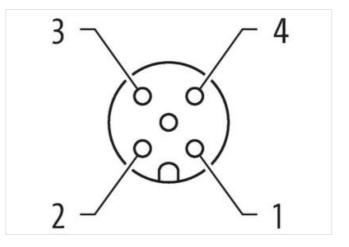
Flange female M12, 4-pole Rear mounting Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

## Illustration







Product may differ from Image

| Cable length             | 5 m               |  |
|--------------------------|-------------------|--|
| Side 1                   |                   |  |
| Tightening torque        | 0,6 Nm            |  |
| Mounting method          | inserted, screwed |  |
| Coating contact          | gold plated       |  |
| Family construction form | M12               |  |
| Thread                   | M12 x 1           |  |
| Coding                   | Α                 |  |
| Material contact         | Copper alloy      |  |

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

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| Degree of protection (EN IEC 60528)         IP67           Side 2         Side 2           Side 4         20 mm           Commorcial data         2719220           CLASS-6.0         2729220           SCLASS-6.1         2729220           CLASS 7.0         27440103           CLASS 6.0         27440103           CLASS 5.0         27440103           CLASS 5.10.1         1           Deparating voling   | Material                                 | Brass   |  |
|--|--|---|--|
| Side 2Stripping liqueket)20 mmCommarcial data27279220CGASS 6.027279220CGASS 6.127279220CGASS 6.127240103CGASS 6.027440103CGASS 6.027440103CGASS 6.027440103CGASS 7.027440103CGASS 7.127440103CGASS 7.127440103CGASS 7.127440103CGASS 7.127440103CGASS 7.127440103CGASS 7.227440103CGASS 7.22740103CGASS 7.2250 VCGASS 7.2250 VCGASS 7.2250 VCGASS 7.22740103CGASS 7.22740103CGASS 7.22740103CGASS 7.22740103   | No. of poles                             |   |  |
| Shripping length (jacket)20 mmCommercial dataECLASS-6.027279220ECLASS-7.027440103ECLASS-7.027440103ECLASS-7.027440103ECLASS-7.027440103ECLASS-7.027440103ECLASS-7.127440103ECLASS-7.227440103ECLASS-7.227440103ECLASS-7.227440103ECLASS-7.127440103ECLASS-7.127440103ECLASS-7.127440103ECLASS-7.227440103ECLASS-7.227440103ECLASS-7.3260061Satoms latiff numbar8544230Satoms latiff numbar8544230Satoms latiff numbar8544230Satoms latiff numbar8544230Satoms latiff numbar8544230Satoms latiff numbar8544230Satoms latiff numbar850 VDeparating voltage AC max.250 VDarrer operating voltage AC max.250 VSatoms latiff numbar950 VDarrer operating voltage AC max.250 VSatoms latiff numbar950 VDarrer operating voltage AC max.250 VSatoms latiff numbar950 VControl Commettom951 VSatoms latiff numbar950 VSatoms latiff numbar <t< td=""><td>Degree of protection (EN IEC 60529)</td><td>IP67</td></t<>  | Degree of protection (EN IEC 60529)      | IP67  |  |
| Commercial data         Commercial data           ECLASS-6.0         27279220           CCLASS-6.0         27240103           CCLASS-7.0         27440103           CCLASS-6.0         27440103           CCLASS-6.0         27440103           CCLASS-10.1         27440103           CCLASS-10.1         27440103           CCLASS-11.1         27440103           CCLASS-12.0   | Side 2                                   |   |  |
| ECLASS 6.0         27279220           ECLASS 6.1         27279220           ECLASS 6.1         27240103           ECLASS 6.0         27440103           ECLASS 6.0         27440103           ECLASS 7.0         27440103           ECLASS 7.0         27440103           ECLASS 7.1.1         27440103           ECLASS 7.1.1         27440103           ECLASS 7.20         2740103           ELECHECIDIA 1         250 V           Deperation table AC max.         250 V           Deperation table AC max.         250 V           Deperation table AC max.         250 V           Deperating table AC max.         250 V  | Stripping length (jacket)                | 20 mm   |  |
| ECLASS 6.0         27279220           ECLASS 6.1         27279220           ECLASS 6.1         27240103           ECLASS 6.0         27440103           ECLASS 6.0         27440103           ECLASS 7.0         27440103           ECLASS 7.0         27440103           ECLASS 7.1.1         27440103           ECLASS 7.1.1         27440103           ECLASS 7.20         2740103           ELECHECIDIA 1         250 V           Deperation table AC max.         250 V           Deperation table AC max.         250 V           Deperation table AC max.         250 V           Deperating table AC max.         250 V  | Commercial data                          |   |  |
| ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-7.0         27440103           ECLASS-7.0         27440103           ECLASS-7.0         27440103           ECLASS-7.0         27440103           ECLASS-7.1         27440103           ECLASS-7.1         27440103           ECLASS-7.2         27440103           ECLASS-7.1         27440103           ECLASS-7.2         27440103           ECLASS-7.1         27440103           ECLASS-7.2         27440103           ECLASS-7.2         27440103           ECLASS-7.7         27440103           ELECASS-7.7         2740103           ELECASS-7.7         2740103  |  | 27270220  |  |
| ECLASS 7.0         27440103           ECLASS 8.0         27440103           ECLASS 8.0         27440103           ECLASS 8.1         27440103           ECLASS 1.1         27440103           ECLASS 1.1         27440103           ECLASS 1.0         27440103           ECLASS 1.2.0         27440103           ECLASS 1.2.0         27440103           ETM 5.0         EC002261           automs taiff number         8544420           STN         40565006577           Parkaging unit         1           Electrical data [Supply  |  |   |  |
| ECLASS 8.0     27440103       ECLASS 8.0     27440103       ECLASS 8.0     27440103       ECLASS 8.1     27440103       ECLASS 8.1.1     27440103       ECLASS 8.1.2     27440103       ECLASS 8.1.1     27440103       ECLASS 8.1.2     27440103       ECLASS 8.1.1     27440103       ECLASS 8.1.2     27440103       ECLASS 8.1.1     27440103       ECLASS 8.0     ECOC2001       Balasting Information     85444280       ECLASS 8.2.2     ECOC2001       Balasting Voltage AC max.     250 V       Deparating voltage DC max.     250 V       Mothal access fittals     SV 19       Deparating voltage DC max.     250 V       Mothal access fittals     SV 19       Device protection   Electrical     Sv 19       Voltage voltage     2,5 kV       Material grace (Go696-1) <t< td=""><td></td><td></td></t<>  |  |   |  |
| ECLASS-9.0     2740103       ECLASS-10.1     2740103       ECLASS-11.1     2740103       ECLASS-12.0     2740103       ECLASS-11.1     27440103       ECLASS-12.0     27440103       ECLASS-11.1     27440103       ECLASS-12.0     27440103       ECLASS-12.0     EC002061       ustoms tariff number     B5442800       STIN     4065999066577       Tackaging unit     1       Electrical data   Supply     Electrical data   Supply       Deparating voltage AC max.     250 V       Operating voltage AC max.     250 V       Deparating voltage AC max.     250 V       Deparating voltage DC max.     250 V       Deparating voltage DC max.     250 V       Deparating voltage DC max.     250 V       Sturrent operating per contact max.     4 A       Defarositic     Intellation   Connection       Sturrent operating length (jacket)     20 mm       Actarity arcss flats     SW19       Device protection   Electrical     Intellation   Connection       Viction NEMA     34, 6 P       Station arcs meterd, screwed     Statian screw connection       Barde surge voltage     2, 5 kV       Atterial screw connection     Brass       Mechanical data   Material data <t< td=""><td></td><td></td></t<>  |  |   |  |
| CLASS-10.1         27440103           CLASS-12.0         27440103           CCLASS-12.0         27440103           CCLASS-12.0         27440103           CTLASS-12.0         250 V           Deparating voltage DC max.         250 V           Current operating portage Contact max.         4 A           Diagostics         20 run           Installation I Conceton         1           Trotection I Conceton         1           Protection I Electrical         20 run           Vidition Congeto         3,4,6 P           Vidition Dorpece on         3 <td></td> <td></td>  |  |   |  |
| CLASS-11.1     27440103       CLASS-12.0     27440103       TM-S.0     ECOCODE1       uatoms tariff number     85444290       TTN     4065909066577       Tarkaging unit     1       Electrical data   Supply     250 V       Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Diagnostica     20 mm       Diagnostica     20 mm       Diagnostica     20 mm       Diagnostica     50 V       Device protection   Electrical     V       Victa Across Itals     SW19       Device protection   Electrical     S. 4, 6 P       Ideidificanal condition protection degree     inserted, screwed       Valuta Surge Que (EC 60664-1)     1       Later Large Surge Que (EC 60664-1)     1       Material group (EC 60664-1)     1       Material group (EC 60664-1)     1       Laterial screw connection     Brass <tr< td=""><td></td><td></td></tr<>  |  |   |  |
| ECLASS-12.0     27440103       ETM-5.0     EC002061       ustoms faint number     8544290       3TIN     4065809066577       Parkaging unit     1       Electrical data   Supply     Depraining voitage AC max.       250 V     Porating voitage AC max.       250 V     Depraining voitage DC max.       260 V     Depraining voitage DC max.       270 toction NEMA     3, 4, 6P       Voitage arcs flats     SV       270 toction protection degree     inserted, screwed       Voitage of flitg     inserted, screwed       Voitage of flitg     FKM       Material group (EC 60684-1)     I       Mounting method <td></td> <td></td>  |  |   |  |
| TIM-5.0     EC002061       sustoms failf number     8544259       STIN     4065909066577       Sackaging unit     1       Electrical data   Supply        Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Diagnostics        Status indication LED     no       Installation   Connection        Status indication LED     No       Device protection   Electrical        Protection NEMA     3, 4, 6P       Validitional condition protection degree     3       Pated surge voltage     2,5 kV       Valaterial group (IEC 60664-1)     I       Mechanical data   Material data       Docing of fitting     nickel plated       Material gasket     FKM       Mechanical data   Mounting data       Mechanical data   Mounting data       Mechanical data   Mounting data       Diagewinde       Schraubgewinde       Schraubgewinde       Diagewinde       Diagewinde<  |  |   |  |
| STIN     4065309066577       Packaging unit     1       Electrical data   Supply     250 V       Operating voltage AC max.     250 V       Dyarent operating per contact max.     4 A       Diagnostics     3       Status indication LED     no       Installation   Connection     7       Writipping length (tacket)     20 mm       Acounting set     M16 x 1.5       Vidit across flats     SV19       Device protection   Electrical     7       Yritection NEMA     3, 4, 6P       Vidit across flats     SV19       Device protection   Electrical     7       Yritection NEMA     3, 4, 6P       Vidit across flats     SV19       Device protection   Electrical     7       Yritection NEMA     3, 4, 6P       Vidit across flats     SV19       Device protection   Electrical     7       Yritection NEMA     3, 4, 6P       Vidit across flats     SV19       Device protection degree     3       Bate surge voltage     2,5 kV       Atterid across flats     SV2       Atterid age set     FKM       Alaterial gasket     FKM       Alaterial gasket     Schraubgewinde       Schraubgewinde     Schraubgewinde       Diap  |  |   |  |
| STIN     4065903066577       Packaging unit     1       Electrical data   Supply     250 V       Operating voltage AC max.     250 V       Durrent operating per contact max.     4 A       Dignostics     3       Status indication LED     no       Installation   Connection     With x 1.5       With a voltage AC max.     250 V       Device protection   Electrical     90 mm       Voltage AC max.     20 mm       Voltage AC max.     50 W19       Device protection   Electrical     90 mm       Voltage Voltage AC max.     50 W19       Device protection   Electrical     90 mm       Voltage AC max.     5.4 GP       Voltage AC max.     5.4 V       Voltage AC max.     6.5 V       Voltage AC max.     7.5 KV       Voltage Voltage AC max.     7.5 KV  | customs tariff number                    | 85444290  |  |
| Packaging unit         1           Electrical data   Supply         250 V           Operating voltage AC max.         250 V           Dipurent operating voltage DC max.         4 A           Diagnostics         4 A           Diagnostics         50 v           Status indication LED         no           Installation   Connection         1           Stripping length (jacket)         20 mm           Accurring set         M16 x 1.5           Vith across flats         SW19           Device protection   Electrical         1           Vito across flats         SW19           Device protection protection degree         inserted. screwed           Volution Degree         3           atead surge voltage         2,5 kV           Ataerial group (IEC 60664-1)         I           Material group (IEC 60664-1)         I           Material group (IEC 60664-1)         I           Mechanical data   Material data         Material group (IEC 60664-1)           Ataerial group (IEC 60664-1)         I           Mechanical data   Material data         Schraubgewinde           Coating of fitting         nickel plated           Ataerial screw connection         Brass           Mechanical data  |  |   |  |
| Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Durnent operating per contact max.         4 A           Diagnostics         Installation ICD           Status indication LED         no           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Gounting set         M16 x 1.5           Policioe protection   Electrical         Electrical           Device protection I Electrical         Inserted, screwed           Poliution Degree         3           Stated surge voltage         2.5 kV           Raterial group (IEC 60664-1)         1           Mechanical data   Material data         Inserted, screwed           Voltage woltage         2.5 kV           Raterial group (IEC 60664-1)         1           Mechanical data   Material data         Inserted, screwed           Voltage woltage         Schraubgewinde           Schraubgewinde         Schraubgewinde           Schraubgewinde         Schraubgewinde           Schraubgewinde         Schraubgewinde           Environmental characteristics   Climatic         -25 °C           Operating temperature min.  |  |   |  |
| Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Durrent operating per contact max.         4 A           Diagnostics         no           Installation I Connection         Installation I Connection           Stropping length (lacket)         20 mm           footning set         M16 x 1.5           Vidth across flats         SW19           Device protection I Electrical         Installation I Connection           Protection NEMA         3, 4, 6P           Vidth across flats         S.V           Device protection I Electrical         Inserted, screwed           Volution Degree         3           Vidth across flats         S.V           Device protection I GEC 60664-1)         1           Mechanical data I Material data         Material group (IEC 60664-1)           Vidth across flats         Schraubgewinde           Doxing of fitting         nickel plated           faterial gasket         FKM           Mechanical data I Mounting data         Schraubgewinde           Doxing terming temperature max.         85 °C           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Operating temperature max.<   |  |   |  |
| Operating vollage DC max.     250 V       Durrent operating per contact max.     4 A       Diagnostics     no       Installation   Connection     Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M16 x 1.5       Vidth across flats     SW19       Device protection   Electrical     Protection screwed       Vidth across flats     3, 4, 6P       Vidthion protection degree     insented, screwed       Volution Degree     3       Stated surge voltage     2,5 kV       Atterial group (IEC 6064-1)     1       Mechanical data   Material data       Zoating of fitting     nickel plated       Atterial screw connection     Brass       Mechanical data   Mounting data       Adounting method     Schraubgewinde       Deriver preating temperature min.     -25 °C       Operating temperature max.     85 °C       Viddtional condition temperature range     depending on cable quality       Important Installation notes     Vidention Concertor spi suitable measures from mechanical loads, e.g. by the usage of cable lies.  |  | 250 V   |  |
| Jurrent operating per contact max.         4 A           Diagnostics         no           Installation LED         no           Installation I Connection         20 mm           Advanting set         M16 x 1.5           Virth aross flats         SW19           Device protection J Electrical         20 km           Protection VEMA         3, 4, 6P           Virth aross flats         SW19           Device protection J Electrical         25 kV           Atterial group (IEC 60664-1)         1           Mechanical data   Material data         2,5 kV           Atterial group (IEC 60664-1)         1           Mechanical data   Material data         2,5 kV           Atterial group (IEC 60664-1)         1           Mechanical data   Material data         2,5 kV           Atterial group (IEC 60664-1)         1           Mechanical data   Material data         2,5 kV           Atterial group (IEC 60664-1)         1           Mechanical data   Material data         5,5 kV           Atterial group (IEC 60664-1)         1           Mechanical data   Mounting data         5,6 km           Advanting method         Schraubgewinde           Coaking techniques         Schraubgewinde   |  |   |  |
| Diagnostics         no           Installation LED         no           Installation I Connection         20 mm           Adurting set         M16 x 1.5           Vidth across flats         SW19           Device protection   Electrical         Free protection   Electrical           Protection no protection degree         3, 4, 6P           Vidth across flats         S, 4, 6P           Oblution perform protection degree         3           Vidto and protection regree         3           Vidto across flats         SV19           Device protection   Electrical         Sv19           Device protection regree         3           Vidto across flats on protection degree         3           Vidto across flats on protection degree         3           Vidto across degree         5           <   |  |   |  |
| Italialization LED         no           Installation I Connection         20 mm           Installation I connection         M16 x 1.5           Vidth across flats         SW19           Device protection I Electrical         Installation across flats           Dilution Degree         3           State across flats         State across acros across across across across acros acros across across   |  | 48  |  |
| Installation   Connection  tripping length (jacket) 20 mm founting set M16 x 1.5  Vidth across flats SW19  Device protection   Electrical  rrotection NEMA 3, 4, 6P  ddditional condition protection degree inserted, screwed  follution Degree 3  tated surge voltage 2,5 kV fatherial data   Material data  Mechanical data   Material data  Mechanical data   Material data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical condition screwed  Mechanical condition temperature min25 °C  perating temperature max. 85 °C  ddditional condition temperature range depending on cable quality  Important installation notes  Ide on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be  | Diagnostics                              |   |  |
| stripping length (jacket)         20 mm           Mounting set         M16 x 1.5           Vidth across flats         SW19           Device protection   Electrical         Important Stripping length (jacket)           Protection NEMA         3, 4, 6P           Vidth across flats         3           Protection NEMA         3, 4, 6P           Vidth across flats         3           Protection NEMA         3, 4, 6P           Vidth across flats         3           Vidth across flats         3, 4, 6P           Vidth across flats         3           Vidth across flats         3           Vidth across flats         3, 4, 6P           Vidth across flats grow onlage         3, 5           Vidth across flats grow onlage         2,5 kV           Alterial group (IEC 60664-1)         1           Mechanical data   Material data         Mounting data           Alterial gasket         FKM           Alterial gasket         FKM           Alterial gasket         FKM           Mounting method         Schraubgewinde           Schraubgewinde         Schraubgewinde           Schraubgewinde         Schraubgewinde           Operating temperature min.         -25 °C  | Status indication LED                    | no  |  |
| Mounting set       M16 x 1.5         Vidth across flats       SW19         Device protection   Electrical         Protection NEMA       3, 4, 6P         vidthional condition protection degree       inserted, screwed         Volution Degree       3         stated surge voltage       2,5 kV         Ataterial group (IEC 60664-1)       1         Mechanical data   Material data       Material gasket         Zoating of fitting       nickel plated         Ataterial screw connection       Brass         Mechanical data   Mounting data       Mounting data         Mounting method       Schraubgewinde         sooking techniques       Schraubgewinde         Environmental characteristics   Climatic       Deparating temperature min.         -25 °C       Operating temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be  | Installation   Connection                |   |  |
| Vidth across flats       SW19         Device protection   Electrical         Protection NEMA       3, 4, 6 P         vidtional condition protection degree       inserted, screwed         Volution Degree       3         vidted surge voltage       2,5 kV         Atterial group (IEC 60664-1)       I         Mechanical data   Material data       Image: Constraint of the straint of the strain   | Stripping length (jacket)                | 20 mm   |  |
| Device protection   Electrical           Protection NEMA         3, 4, 6 P           viditional condition protection degree         inserted, screwed           ollution Degree         3           Nated surge voltage         2,5 kV           Atterial group (IEC 60664-1)         1           Mechanical data   Material data         Inserted           Zoating of fitting         nickel plated           Atterial gasket         FKM           Atterial screw connection         Brass           Mechanical data   Mounting data         Schraubgewinde           Aduting method         Schraubgewinde           coxing techniques         Schraubgewinde           Environmental characteristics   Climatic         25 °C           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           vidditional condition temperature range         depending on cable quality           Important installation notes         Viece no strain relief           Viece on brain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   | Nounting set                             | M16 x 1.5   |  |
| An A B A B A B | Vidth across flats                       | SW19  |  |
| additional condition protection degree       inserted, screwed         Pollution Degree       3         ated surge voltage       2,5 kV         Atterial group (IEC 60664-1)       I         Mechanical data   Material data       I         Soating of fitting       nickel plated         Atterial gasket       FKM         Atterial screw connection       Brass         Mechanical data   Mounting data       Mechanical data   Mounting data         Aounting method       Schraubgewinde         sooking techniques       Schraubgewinde         Environmental characteristics   Climatic       Deperating temperature min.         -25 °C       Operating temperature max.         85 °C       schraubgewinde         Intervent installation notes       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       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be  | Device protection   Electrical           |   |  |
| Additional condition protection degree       inserted, screwed         Pollution Degree       3         Aated surge voltage       2,5 kV         Aaterial group (IEC 60664-1)       1         Mechanical data   Material data       I         Doating of fitting       nickel plated         Aaterial gasket       FKM         Aaterial gasket       FKM         Aaterial screw connection       Brass         Mechanical data   Mounting data       Mounting method         Aounting method       Schraubgewinde         cooking techniques       Schraubgewinde         Environmental characteristics   Climatic       Deperating temperature min.         -25 °C       Operating temperature max.         As5 °C       schraubgewinde         Vaditional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be  | Protection NEMA                          | 3. 4. 6P  |  |
| Pollution Degree       3         Rated surge voltage       2,5 kV         Atterial group (IEC 60664-1)       1         Mechanical data   Material data       Image: Control of fitting         Coating of fitting       nickel plated         Material gasket       FKM         Material screw connection       Brass         Mechanical data   Mounting data       Mechanical data   Mounting data         Adouting method       Schraubgewinde         cooking techniques       Schraubgewinde         Environmental characteristics   Climatic       Deprating temperature min.         -25 °C       Operating temperature max.         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be  |  |   |  |
| Atted surge voltage       2,5 kV         Atterial group (IEC 60664-1)       I         Mechanical data   Material data       I         Soating of fitting       nickel plated         Atterial gasket       FKM         Atterial screw connection       Brass         Mechanical data   Mounting data       I         Aounting method       Schraubgewinde         Jooking techniques       Schraubgewinde         Deparating temperature min.       -25 °C         Operating temperature max.       85 °C         kdditional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   |  |   |  |
| Aterial group (IEC 60664-1)       I         Mechanical data   Material data       nickel plated         Doating of fitting       nickel plated         Aterial gasket       FKM         Aterial screw connection       Brass         Mechanical data   Mounting data       Mounting data         Aounting method       Schraubgewinde         Looking techniques       Schraubgewinde         Deperating temperature min.       -25 °C         Operating temperature max.       85 °C         kdditional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be       Attention: Case can be for the server server be metal when laying cables, as the IP protection class can be  | -  |   |  |
| Mechanical data   Material data         Coating of fitting       nickel plated         Material gasket       FKM         Material screw connection       Brass         Mechanical data   Mounting data       Mounting method         Mounting method       Schraubgewinde         cooking techniques       Schraubgewinde         Environmental characteristics   Climatic       Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be   |  |   |  |
| Coating of fitting       nickel plated         Material gasket       FKM         Material screw connection       Brass         Mechanical data   Mounting data       Mounting method         Mounting method       Schraubgewinde         Schraubgewinde       Schraubgewinde         Environmental characteristics   Climatic       Schraubgewinde         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Inter on bending radiun       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   |  |   |  |
| Material gasket       FKM         Material screw connection       Brass         Mechanical data   Mounting data       Mounting method         Mounting method       Schraubgewinde         Jooking techniques       Schraubgewinde         Environmental characteristics   Climatic       Schraubgewinde         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         vdditional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Intervention       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   | ·  | nickal plated   |  |
| Material screw connection       Brass         Mechanical data   Mounting data       Mounting method       Schraubgewinde         Mounting method       Schraubgewinde       Schraubgewinde         Looking techniques       Schraubgewinde       Schraubgewinde         Environmental characteristics   Climatic       C       Schraubgewinde         Operating temperature min.       -25 °C       Schraubgewinde         Operating temperature max.       85 °C       Schraubgewinde         Additional condition temperature range       depending on cable quality       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Interview       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be  |  | •   |  |
| Mechanical data   Mounting data         Mounting method       Schraubgewinde         Jooking techniques       Schraubgewinde         Environmental characteristics   Climatic       Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         vdditional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   |  |   |  |
| Mounting method       Schraubgewinde         ooking techniques       Schraubgewinde         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         odditional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Inter on bonding radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   |  |   |  |
| ooking techniques       Schraubgewinde         Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         viditional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Value on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Value on banding radius.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   |  |   |  |
| Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         odditional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be  | -  |   |  |
| Operating temperature min.       -25 °C         Operating temperature max.       85 °C         additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Interview       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be  | ooking techniques                        | Schraubgewinde  |  |
| Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Internet       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   | Environmental characteristics   Climatic |   |  |
| 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.         Internet       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   | Operating temperature min.               | -25 °C  |  |
| Important installation notes         Iote on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Iote on banding radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   | Operating temperature max.               | 85 °C   |  |
| Iote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Iote on bonding radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be   | dditional condition temperature range    | depending on cable quality  |  |
| Iote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Iote on bonding radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be   | Important installation notes             |   |  |
| Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be   |  | Protect the connectors by suitable measures from mechanical loads e.g. by the usage of cable ties |  |
|  |  |   |  |

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

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| Installation (Cable         234           Cable Type         3           Jacket Clobr         gray           Type of Certificatia         UPLus           Annout stranding         1           Stranding         4 wircs twisted           wire arrangement         brown, black, blue, white           Cable Wight         36.3 gm           Material jacket         PUR           Shore hardness jacket         50.1 f. Shore A           Freedom from ingraderia (jacket)         60.1 f. Shore A           Cable wight         35.3 gm           Material jacket         PUR           Shore hardness jacket         50.1 f. Shore A           Tolerance outer diameter (sealth)         1.5 %           Material water instration         PP           Antonit wires         4           Outer diameter instration         1.25 mm           Outer diameter instration         1.25 mm           Cater diameter instration         1.25 mm           Candit drameter instration         1.25 mm </th <th>UL 50E</th> <th>yes</th>   | UL 50E                                   | yes  |
|--|--|--|
| Cable Type         9           Jacket Color         gray           Type of Certificate         URus           Annount stranding         1           Stranding         4 wises hvisted           wite arrangement         brown, black, blue, white           Cable weight         98.3 g/m           Material jacket         PUR           Strom throffness jucket         90.5 S brors A           Freedom from ingrodients (jacket)         48.0 free, cambium free, CFC free, halogen-free, silicone-free           Outer-diameter (jacket)         4.5 mm           Tolerance outer diameter (jacket)         5.5 from           Antoinut wins         4           Outer diameter insulation         PP           Antoinut wins         4           Outer diameter insulation         1.25 mm           Outer diameter insulation         1.25 mm           Outer diameter insulation         1.95 from Po           Anount strands (wire)         42           Diameter or single wires         0.1 mm           Conductor torge service insulation         1.92 from Po           Contuctor torge (wires)         Stranded copper wire, bare           Contuctor torge (wires)         Stranded copper wire, bare           Contructor torge (wires)   | Installation   Cable                     |  |
| Jackat Color         gray           Type of Certificate         cuRus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigh         36.3 g/m           Matorial jacked         PUR           Strone 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 (shall)         4.5 %           Material wire insulation         PP           Arnoutt wires         4           Outer diameter insulation         1.25 mm           Duter diameter insulation         1.25 mm           Conductor ryps wire insulation         1.25 mm           Conductor ryps wire insulation         1.25 mm           Conductor ryps (wire)         0.34 mm <sup>2</sup> Material conductor wire         0.34 mm <sup>2</sup> Material conductor wire         Stranded copper wire, bare           Conductor ryps (w   | Cable identification                     | 234  |
| Type of Certificate         cu/Flus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigh         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90:5 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 (sheath)         5 5%           Amount wires         4           Anount wires         4           Outer diameter insulation         1.25 mm           Outer diameter trisulation         1.25 mm           Outer diameter insulation         1.25 mm           Outer diameter insulation         1.25 mm           Outer diameter insulation         1.25 mm           Canductor crosssection (wire)         0.1 mm           Canductor crosssection (wire)<   | Cable Type                               | 3  |
| Amount stranding       1         Stranding       4 wires Wisted         Wire arrangement       brown, black, blue, white         Cable weight       93.3 g/m         Material jacket       PUR         Shore hardness jacket       90.5 Shore A         Freedom from ingredents (jacket)       lead free, cadmium-free, CFC free, halogen-free, silicone-free         Outer-diameter (jacket)       2.5 %         Material wire insulation       PP         Amount wires       4         Outer diameter insulation       1.25 mm         Outer diameter insulation       1.25 free         Toiner hardness wire insulation       1.25 free         Toiner hardness wire insulation       1.25 free         Toiner hardness wire insulation       1.25 free         Tarware ingress wire insulation       1.25 free         Tarware ingress wire insulation       1.25 free         Naterial wire of single wires       0.1 mm         Canductor rows weire insulation       1.02 free         Material conductor wire       0.34 mm <sup>2</sup> Canductor rows edd       Stranding copper wire, bare         Canductor vige (wire)       0.34 mm <sup>2</sup> Carrent load capacity (strandkard)       10 m @ 25 °C   horizontal         Mornina votage AC ma   | Jacket Color                             | gray   |
| Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigh     36,3 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-three, cablium-free, FC-free, halogen-free       Outer-diameter (jacket)     4.5 mm       Tolerance outer diameter (sheath)     ± 5 %       Amount wires     4       Outer diameter insulation     PP       Amount wires     4       Outer diameter insulation     70 ± 5 Shore D       Ingredient ficenses wire insulation     70 ± 5 Shore D       Ingredient ficenses wire insulation     70 ± 5 Shore D       Ingredient ficenses wire insulation     70 ± 5 Shore D       Ingredient ficenses wire insulation     70 ± 5 Shore D       Conductor vises     0,1 mm       Conductor vises     0,1 mm       Conductor vises     0,1 mm       Conductor vises     Stranded copper wire, bare       Conductor vises     Stranded copper wire, bare <t< td=""><td>Type of Certificate</td><td>cURus</td></t<>  | Type of Certificate                      | cURus  |
| wire arrangement         brown, black, blue, white           Cable weight         36,3 g/m           Material jacket         PUR           Shore hardness jackat         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 (sheath)         ± 5 %           Material jacket         PP           Amount wires         4           Outer diameter (sheath)         1.25 mm           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         1.25 mm           Outer diameter site insulation         1.26 mm           Conductor type wire insulation         1.26 mm           Conductor type wire insulation         1.26 mm           Conductor type (wire)         0.34 mm <sup>2</sup> Conductor type (wire)         stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Conductor type (wire)         stranded copper wire,   | Amount stranding                         | 1  |
| Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jaket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacked)         4.5 mm           Tolerance outer diameter (health)         ± 5 %           Material wire insulation         PP           Amount Wrees         4           Outer diameter insulation         1.25 mm           Cancer diameter rolearance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D           Imgredient Treeness wire insulation         1.25 mm           Conductor viscos section (wire)         42           Diameter of angle wires         0,1 mm           Conductor viscos section (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing diatance (C track)         10 m @ 25 °C (horizontal           Nominal voltage AC max.         300 V           Current load   | Stranding                                | 4 wires twisted  |
| Material jacket         PUR           Shore hardness jacket         90.5 Shore A           Freedom Trom ingredients (jacket)         lead-tree, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         1.5 %           Material wire insulation         PP           Amount wires         4           Outer diameter (insulation         1.25 mm           Outer diameter (insulation)         70.2 5 Shore D           Ingredient freeness wire insulation         1.25 mm           Outer diameter (insulation)         70.2 5 Shore D           Ingredient freeness wire insulation         1.26 mm           Conductor cossection (wire)         42           Diameter of single wires         0,1 mm           Conductor rype (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)         4.0 °C           Max. operating temperature (stalic)         -40 °C           Max. operating temperature (stalic)         -40 °C   | wire arrangement                         | 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 (sheath)         ± 5 %           Material wire insulation         PP           Arnount wires         4           Outer diameter insulation         1.25 mm           Constructions wire insulation         1.25 mm           Conductor wire         Stranded copper wire, bare           Conductor wire         Stranded copper wire, bare           Conductor wire         Stranded copper wire, bare           Current   | Cable weigth                             | 36,3 g/m   |
| Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer diameter (jacket)       4.5 mm         Material wire insulation       PP         Amount wires       4         Outer diameter (insulation       PP         Amount wires       4         Outer diameter (insulation       1.25 mm         Outer diameter insulation       70.5 Shore D         Ingredient freeness wire insulation       70.5 Shore D         Ingredient freeness wire insulation       70.4 Shore D         Anount strands (wire)       42         Diameter of single wires       0.1 mm         Conductor crossection (wire)       0.34 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 (statc)       -40 °C         Max. operating temperature (wire)       80 °C / 90 °C @ 10000 h Operation         Operati  | Material jacket                          | PUR  |
| Outer diameter (jackat)         4.5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter (or lameter core insulation         1.25 mm           Outer diameter tolerance core insulation         1.25 mm           Outer diameter tolerance core insulation         1.5 Shore D           Ingredient freeness wire insulation         1.6 Shore hardness wire insulation           Diameter of single wires         0.1 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Onductor type (wire)         stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Current load capacity (standard)         to DIN VDE 028-4           Current load capacity (min. wire         4.8 A <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 insulation       ± 5 %         Shore hardness wire insulation       ± 5 %         Shore hardness wire insulation       10 ± 5 Shore D         Ingredent (reneess wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Amount strands (wire)       42         Diameter of single wires       0,1 mm         Conductor crosssection (wire)       0,34 mm <sup>2</sup> Material conductor wire       Stranded coper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C (horizontal         Nominal voltage AG max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 0296 °C         AC withstand voltage (wire ~vire)       2,5 kV @ 60 s   | 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 folderance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D           Ingredient treeness wire insulation         12 5 %           Shore hardness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor wire         Stranded copper wire, bare           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 toad capacity (strandard)         to DIN VDE 0298-4           Current toad capacity (min. wire         4,8 A           Electrical resistance line constant wire         57 Dkm @ 20 °C           AC withstand voltage (wire - wire)         2,5 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max operating temperature (static)         -40 °C           Max operating temperature (static)         -25 °C           Operating tempe   | Outer-diameter (jacket)                  | 4,5 mm   |
| 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)       42         Diameter of single wires       0,1 mm         Conductor cossesciento (wire)       0.34 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 K V @ 60 s         Power frequency withstand voltage (wire *       2.5 k V @ 60 s         Min. operating temperature (istaic)       -40 °C         Max. opererating tempera   | 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)         42           Diameter of single wires         0,1 mm           Conductor vire         Stranded copper wire, bare           Conductor vire         Strand class 6           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Nominal voltage AC max.         300 V           Current load capacity (istandard)         to DIN VDE 0298-4           Current load capacity (ini, wire         4.8 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2.5 KV @ 60 s           Power frequency withstand voltage (wire - acked)         40 °C           Max. operating temperature (fixed)         40 °C           Max. operating temperature (fixed)         80 °C / 90 °C @ 10000 h Operation           Operating temperature (fixed) <td>Material wire insulation</td> <td>PP</td>   | 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           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0.34 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 toad capacity (standard)         to DIN VDE 0298-4           Current toad capacity (standard)         to DIN VDE 0298-4           Current toad capacity min. wire         4.8 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2,5 kV @ 60 s           Power frequency withstand voltage (wire - aster aste aster aste aster aster aster aster aster aster aster aster ast | 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)       42         Diameter of single wires       0,1 mm         Conductor rossection (wire)       0.34 mm <sup>2</sup> 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 (min. wire       4.8 A         Electrical resistance       is 5 K V @ 60 s         Power frequency withstand voltage (wire -       2,5 k V @ 60 s <td>Outer diameter insulation</td> <td>1,25 mm</td>  | Outer diameter insulation                | 1,25 mm  |
| Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Amount strands (wire)       42         Diameter of single wires       0,1 mm         Conductor crossection (wire)       0,34 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)       52 %C @ 00 %         Ac withstand voltage (wire - vire)       2.5 kV @ 60 %         Min. operating temperature (standard)       80 %C / 9   | Outer diameter tolerance core insulation | ±5%  |
| Amount strands (wire)42Diameter of single wires0,1 mmConductor rosssection (wire)0,34 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 (standard)to DIN VDE 0298-4Current load capacity (standard)2,5 kV @ 60 sPower frequency withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire -<br>lacket)2,5 kV @ 60 sMin. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CImmeretiang temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CGasoline resistanceEC 6033-2-2 I UL 1581 § 1090   UL 1581 § 1100 FT2Chemical resistanceGood, application-related testingGil resistanceGood, application-related testingGil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil res   | Shore hardness wire insulation           | 70 ± 5 Shore D   |
| Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 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 (win- wire)         2,5 kV @ 60 s           Power frequency withstand voltage (wire - 4.8 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2,5 kV @ 60 s           Power frequency withstand voltage (wire - 4.8 A         2,5 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         80 °C / 90 °C @ 10000 h Operation           Flame resistance         IEC 60332-2-2   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Oil   | Ingredient freeness wire insulation      | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Conductor crosssection (wire)       0.34 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         Conductor wire       4.8 A         Electrical resistance line constant wire       57 Q/km @ 20 °C         Ac withstand voltage (wire - wire)       2.5 kV @ 60 s         Jacket/       acket/       acket/         Max. operating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Max. operating temperature max. (dynamic)       80 °C / 90 °C @ 10000 h Operation <tr< td=""><td>Amount strands (wire)</td><td>42</td></tr<>  | Amount strands (wire)                    | 42   |
| 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 min. wire       4,8 A         Electrical resistance line constant wire       57 Q/km @ 20 °C         AC withstand voltage (wire - wire)       2,5 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       40 °C         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 min. (dynamic)       -25 °C         Operating temperature min. (dynamic)       80 °C / 90 °C @ 10000 h Operation         Flame resistance       IEC 60332-2-2 I UL 1581 § 1090   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance<  | 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. wire4.8 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire -<br>jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (ifxed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testi  | Conductor crosssection (wire)            | 0,34 mm <sup>2</sup>   |
| Traversing 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. wire4.8 AElectrical resistance line constant wire57 Q/km @ 20 °CAC withstand voltage (wire - wire)2.5 kV @ 60 sPower frequency withstand voltage (wire -<br>jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationOperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-22 I UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m   | Material conductor wire                  | Stranded copper wire, bare                                     |
| Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4,8 A         Electrical resistance line constant wire       57 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)       -25 °C         Operating temperature max. (dynamic)       80 °C / 90 °C @ 10000 h Operation         Flame resistance       IEC 60332-2-2 I 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   | Conductor type (wire)                    | strand class 6   |
| Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4,8 A         Electrical resistance line constant wire       57 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         Flame resistance       EC 60332-2-2   UL 1581 § 1000   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Din x Outer diameter       Ending radius (dynamic)       10   | Traversing distance (C-track)            | 10 m @ 25 °C   horizontal                                      |
| Current load capacity min. wire4.8 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - wire)2.5 kV @ 60 sPower frequency withstand voltage (wire -<br>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 OperationFlame resistanceIEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDiffigr adius (fixed)5 x Outer diameterBending radius (fixed)5 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m  | Nominal voltage AC max.                  | 300 V  |
| Electrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire -<br>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 OperationFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDi resistanceGood, application-related testingOil resistanceGood, application-related testingDi resistanceGood, application-related testingDi resistanceGood, application-related testingDi resistanceGood, application-related testingDi resistanceSo Outer diameterTravel speed (C-track)10 Mio.  | Current load capacity (standard)         | to DIN VDE 0298-4  |
| AC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire -<br>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 OperationFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDiv Outer diameterTravel speed (C-track)No. of torsion cycles2 Mio.Torsion stress± 180 °/m  | Current load capacity min. wire          | 4,8 A  |
| Power frequency withstand voltage (wire -<br>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 OperationFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDi No Cuter diameterTravel speed (C-track)Travel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m   | Electrical resistance line constant wire | 57 Ω/km @ 20 °C  |
| 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 OperationFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDifferenceGood, application-related testingOil resistanceGood, application-related testingDifferenceS × Outer diameterBending radius (fixed)5 × Outer diameterBending radius (dynamic)10 × Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m  | AC withstand voltage (wire - wire)       | 2,5 kV @ 60 s  |
| Max. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDil resistanceGood, application-related testingDin so (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m   |  | 2,5 kV @ 60 s  |
| Operating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m   | Min. operating temperature (static)      | -40 °C   |
| Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m   | Max. operating temperature (fixed)       | 80 °C / 90 °C @ 10000 h Operation                              |
| Flame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 × Outer diameterBending radius (dynamic)10 × Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m  | Operating temperature min. (dynamic)     | -25 °C   |
| chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m   | Operating temperature max. (dynamic)     | 80 °C / 90 °C @ 10000 h Operation                              |
| 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         Travel speed (C-track)       10 Mio. @ 25 °C         No. of torsion cycles       2 Mio.         Torsion stress       ± 180 °/m  | Flame resistance                         | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2            |
| Oil resistance       Good, application-related testing   DIN EN 60811-404         Bending radius (fixed)       5 x Outer diameter         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  | chemical resistance                      | Good, application-related testing                              |
| Bending radius (fixed)     5 x Outer diameter       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  | Gasoline resistance                      | Good, application-related testing                              |
| 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  | Oil resistance                           | Good, application-related testing   DIN EN 60811-404           |
| Travel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m  | Bending radius (fixed)                   | 5 x Outer diameter   |
| No. of torsion cycles     2 Mio.       Torsion stress     ± 180 °/m  | Bending radius (dynamic)                 | 10 x Outer diameter  |
| Torsion stress ± 180 °/m   | Travel speed (C-track)                   | 10 Mio. @ 25 °C  |
|  | No. of torsion cycles                    | 2 Mio.   |
| Torsion speed 35 cycles/min  | 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

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