

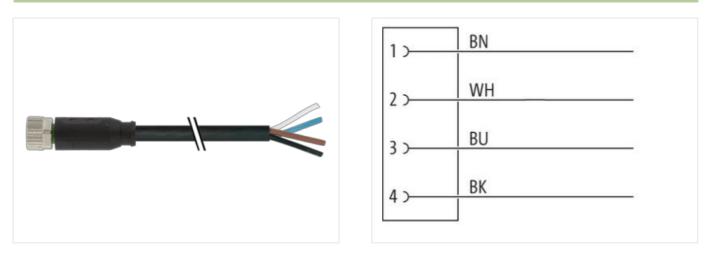
## M8 female 0° A-cod. with cable

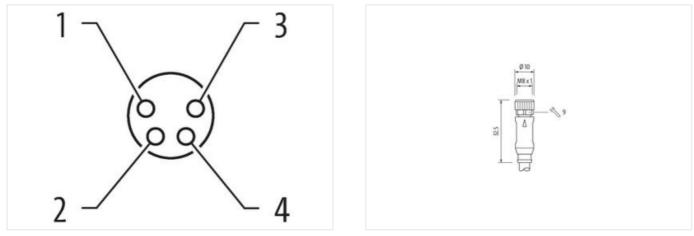
PUR 4x0.25 bk UL/CSA+drag ch. 1.5m

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

## Link to Product

Illustration





Product may differ from Image



1,5 m

0,4 Nm

Cable length

## Tightening torque

Side 1

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20



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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20



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

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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20