

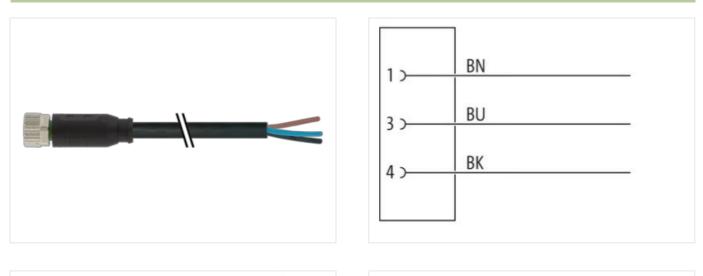
## M8 female 0° A-cod. with cable

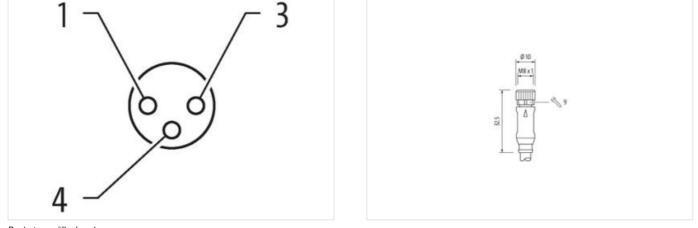
PUR 3x0.34 bk UL/CSA+drag ch. 6m

Female straight M8, 3-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



6 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: 2024-05-19

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Family construction form     M8       Thread     M8 x 1       Lable of corrugated table (internal O)     6.8 mm       Material content     Copper ality       Material content     Copper ality       Material content     PUF       No of poles     3       Store Degree of protectom (EN IEC 60502)     IPES. [PE6K, IF87       Store Degree of protectom (EN IEC 60502)     20 mm       Construction form     free cable end       Constast	Mounting method	inserted, screwed
Thead     M8 x 1       unable for consugnated tube (internal 60)     6,5 mm       Cather curlet     straight       Cather curlet     straight       Cather curlet     straight       Malerial contact     Copper aloy       Malerial     PUR       No of polos     3       With across fails     SW9       Degrees of protection (EN IE 660520)     IP66, IP66R, IP67       Side 2     Enternal 60       Side 3     Enternal 60       Connection form     tree cable end       Connectid data     2006 1801       ECLASS-0.0     2706 1801       ECLASS-0.0     2706 1801       ECLASS-1.0.1     2706 0311       ECLASS-2.0     2706 1311       ECLASS-2.0     2706 0311       ECLASS-3.0     27060	Coating contact	gold plated
Thead     M8 x 1       unable for consugnated tube (internal 60)     6,5 mm       Cather curlet     straight       Cather curlet     straight       Cather curlet     straight       Malerial contact     Copper aloy       Malerial     PUR       No of polos     3       With across fails     SW9       Degrees of protection (EN IE 660520)     IP66, IP66R, IP67       Side 2     Enternal 60       Side 3     Enternal 60       Connection form     tree cable end       Connectid data     2006 1801       ECLASS-0.0     2706 1801       ECLASS-0.0     2706 1801       ECLASS-1.0.1     2706 0311       ECLASS-2.0     2706 1311       ECLASS-2.0     2706 0311       ECLASS-3.0     27060	Family construction form	M8
Date contert     straight       Deading     A       Adversal context     Cooper alloy       Material     PUR       No. of poles     3       With accest fats     SW9       Deagree of protection (EN IEC 60520)     IP65, IP66K, IP67       Side 2        Strapping length (jacket)     20 m       Deading contact     gold plated       aminy construction form     free cable end       Commercial data     27061801       ECLASS -6.0     27061801       ECLASS -7.0     27061801	Thread	M8 x 1
Coding     A       Waterial contact     Copper alloy       Waterial contact     Copper alloy       Waterial contact     PUR       No. of poles     3       With aroots fails     SWD       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Side 2        Side 3     Guing contact       Guing contact     guid plated       Sing acting contact     guid plated       Simple languit (gubati)     20 mm       Commercial data     Contact data       ECLASS-R 6.0     2006101       ECLASS-R 7.0     2061001       ECLASS-R 0.1     2060311       ECLASS-R 1.0     2060311       ECLASS-R 1.0     2060311       ECLASS-R 1.0     2060311       ECLASS 1.0     2060311       ECLASS 1.0     2060311       ECLASS 1.0     2060311       ECLASS 1.0     20000311	suitable for corrugated tube (internal Ø)	
MaterialCopper alloyMaterialPURNo of poles3MaterialSW9Degree of protection (EN IEC 6020)IP69, IP60, IP67Side 2Sing pole goth (facket)20 mControl (EN IEC 6020)IP69, IP60, IP67Side 2Stropping length (facket)20 mControl (EN IEC 6020)IP60, IP60, IP67Side 3Control (EN IEC 6020)200 mControl (EN IEC 6020)30 VControl (EN IEC 6020)30 VControl (EN IEC 6020)30 VControl (Control (Control (EN IEC 6020)30 VControl (Control (Control (EN IEC 6020)30 VControl (Control (	Cable outlet	straight
National     PUR       No. of poles     3       Witch across fits     SW9       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Side Z     IP65, IP66K, IP67       Side Z     IP66, IP67       Commorcial protection (EN IEC 60529)     IP65, IP66K, IP67       Side Z     IP66, IP67       Commorcial protection form     Tree cable ond       Commorcial Commorcial Protection form     Protection Form       Protection form formeton     Stree Protection Form <td>Coding</td> <td>A</td>	Coding	A
No. of poles     3       Wolth across flats     SW9       Solgere of protection (EN IEC 60529)     IP65, IP67, IP67       Side 2     20 mm       Solaring contact     and plated       Family construction form     free cable and       Connectal data     207061801       ECLASS 0.0     27061801       ECLASS 0.0     27060311       ECLASS 1.1     27060311       ECLASS 1.2     27060311       ECLASS 1.1     27060311       ECLASS 1.1     27060311       ETMS 0     E0001855       Suatoms tariff number     8544230       STN     404879779996       Packaging unit     1       Electrical data   Suppiv     20       Operating voltage AC max.     50 V       Operating voltage AC max.     50 V       Operating voltage AC [LL-listed]     30 V       Dareot operating voltage AC [LL-listed]     30 V	Material contact	Copper alloy
With across flats     SV9       Depres of protection (EN IEC 60528)     IP65, IP66K, IP67       Sile 2     Sile protection (EN IEC 60528)       Stripping length (jackkt)     20 mm       Conting constant     gold plated       Finally construction form     free cable end       Commercial data     27061801       ECLASS 4.0     27060311       ECLASS 4.0     ECO001855       sustoms Eaff number     8544280       STN     4048879779088       Packaging unit     1       Electrical data [Supply     20       Oparating voltage AC (Tut.alsoc)     30 V	Material	PUR
With across flats     SV9       Depres of protection (EN IEC 60528)     IP65, IP66K, IP67       Sile 2     Sile protection (EN IEC 60528)       Stripping length (jackkt)     20 mm       Conting constant     gold plated       Finally construction form     free cable end       Commercial data     27061801       ECLASS 4.0     27060311       ECLASS 4.0     ECO001855       sustoms Eaff number     8544280       STN     4048879779088       Packaging unit     1       Electrical data [Supply     20       Oparating voltage AC (Tut.alsoc)     30 V	No. of poles	
Depre of protection (EN IEC 60529)     IP65, IP66K, IP67       Side 2     Filt protection (EN IEC 60529)       Sidping legith (jacket)     20 mm       Conting construction form     free cable end       Commercial data     ECLASS 6.0       ECLASS 7.0     27061801       ECLASS 6.0     27061801       ECLASS 6.0     27061801       ECLASS 6.0     27061801       ECLASS 6.0     27060301       ECLASS 6.0     27060301       ECLASS 7.0     27060301       ECMENT MUMBER     ECMENT MUMBER       Packagring unit     1       Electrical data 1 Suppty	Width across flats	SW9
Side 2Strippin [engih (jacket)20 mmCoating contactgold platedFamily construction formfee cable endCommercial dat27061801ECLASS 6.027061801ECLASS 7.027061801ECLASS 7.027061801ECLASS 7.027061801ECLASS 7.027061801ECLASS 7.027061801ECLASS 7.127060311ECLASS 7.127060311ECLASS 7.1.027061805ECLASS 7.1.027061805ECLASS 7.1.027060311ECLASS 7.1.027060315ECLASS 7.1.0EC001855Eclast 7.1.040487979090Packaging unit1Etertical data   SuppuUperating voltage AC max.5.0 VOperating voltage AC max.6.0 VOperating voltage AC max.5.0 VOperating voltage AC (UL-listed)30 VOperating voltage AC (UL-listed)30 VCurient contact max.4.0 CVertice toreet.5.0 VOperating voltage AC (UL-listed)1.5 VAddiction IEtertical1.5 VAddiction Iprotection degree <td></td> <td></td>		
Stripping length (jacket)20 mmCoating contaidpick platedFamily construction formfree cable endCommercial datiECLASS 6.02706 1801ECLASS 7.02706 1801ECLASS 9.02706 1801ECLASS 9.02706 1801ECLASS 9.02706 1801ECLASS 1.1270600311ECLASS 1.22706 0311ECLASS 1.22706 0311ECLASS 1.22706 0311ECLASS 1.22706 0311ECLASS 1.22706 0311ECLASS 1.12706 0311ECLASS 1.22706 031ECLASS 1.22706 0311ECLASS 1.22706 0311ECLASS 1.22706 031ECLASS 1.32706 031Eclass 1.32706 031Eclass 1.32706 031Eclass 1.42706 031Eclass 1.52707 038Eclass 1.52707 038Eclass 1.52707 038Derating voltage 0.530 V </td <td></td> <td></td>		
Coating contact     gold plated       Family construction form     free cable ond       Commercial data		20 mm
Family construction form     free cable end       Commercial data     27061801       ECLASS 6.0     27061801       ECLASS 7.0     27061801       ECLASS 7.0     27061801       ECLASS 7.0     27061801       ECLASS 7.0     27060311       ECLASS 7.0     ECO01955       Dustoms tariff number     85444290       STIN     404879779098       Packaging unit     1       Electrical data   Suppy     E       Operating voltage AC max.     50 V       Operating voltage AC (UL-listed)     30 V       Doperating voltage AC (UL-listed)     30 V       Doperating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V<		
Commercial data       ECLASS 6.0     27061801       ECLASS 7.0     27061801       ECLASS 6.0     27061801       ECLASS 7.0     27061801       ECLASS 7.0     27061801       ECLASS 7.0     27061801       ECLASS 7.0     27060311       ECLASS 7.0     EC001855       ECLASS 7.0     600 V       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC max.     4 A       Depreting voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Depreting voltage AC (UL-listed)     30 V       Eclassion I.ED     nm       Mouning set     0 Mm       Poriticari Uning Concetion     Imeseta, screwed		
ECLASS-6.0     27061801       ECLASS-7.0     27061801       ECLASS-6.0     27061801       ECLASS-6.0     27061801       ECLASS-10.1     27060311       ECLASS-12.0     27060311       Eclass Ecla	·	
ECLASS-7.0     27061801       ECLASS-8.0     27061801       ECLASS-8.0     27061801       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-10.0     E7000311       ECLASS-11.1     27060311       ECLASS-10.0     E7000315       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-10.1     E7000311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       Deraiting voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Digeneting er contact max.	Commercial data	
ECLASS-8.0     27061801       ECLASS-9.0     27061801       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     ECO01855       ustoms tariff number     85444290       GTIN     4048879779098       Packaging unit     1       Etertical data   Supply        Operating voltage AC max.     50 V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Diagnostics        Status indication LED     no       Installation I Connection        Stripping length (acket)     20 mm       Mounting set     M8 x 1       Device protection I Electrical        Additional condition protection degree     3       Rated surge voltage <td>ECLASS-6.0</td> <td>27061801</td>	ECLASS-6.0	27061801
ECLASS-9.0     27061801       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       sustoms tariff number     8544290       STIN     4048879779098       Packaging unit     1       Electrical data   Supply	ECLASS-7.0	27061801
ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     EC001855       austoms tariff number     85444290       STIN     404887979098       Packaging unit     1       Electrical data [Supply     Electrical data [Supply       Operating voltage AC max.     50 V       Operating voltage AC max.     60 V       Operating voltage AC (Li-listed)     30 V       Operating voltage AC (Li-listed)     30 V       Operating per contact max.     4 A       Diagnostics     Electrical data [Supply       Status indication LED     no       Installation [Connection     Electrical screwed       Stripping length (jacket)     20 mm       Mounting set     M8 x 1       Device protection [Electrical     Electrical screwed       Pollution Degree     3       Rated surge voltage     1.5 kV       Material group (ICC 60664-1)     I       Meterial data [Material data     Electrical screwed       Coating locking <td< td=""><td>ECLASS-8.0</td><td>27061801</td></td<>	ECLASS-8.0	27061801
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       ustoms taiff number     85444290       GTIN     4048879779098       Packaging unit     1       Electrical data   Supply	ECLASS-9.0	27061801
ECLASS-12.0     27060311       ETIM-5.0     EC001855       Sustoms tariff number     85444290       STIN     4048879779098       Packaging unit     1       Electrical data   Supply     9       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 AC (UL-listed)     30 V       Deverent operating per contact max.     4 A       Diagnostics     Status indication LED       Status indication LED     no       Installation   Connection     M8 x 1       Device protection   Electrical     Additional condition protection degree       Operating voltage	ECLASS-10.1	27060311
ETIM-5.0EC001855customs tariff number85444290GTIN404879779098Packaging unit1Electrical data   SupplyOperating voltage AC max.50 VOperating voltage AC max.60 VOperating voltage AC (UL-listed)30 VDiagnosticsNoBitaliation I ConnectionnoInstallation I ConnectionNoMounting setM8 x 1Device protection I ElectricalNoAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)1Mechanical data   Material dataCoating of fittingNickeledCoating of fittingNickel platedMaterial gasketFKMLocking materialZinc die-casting <t< td=""><td>ECLASS-11.1</td><td>27060311</td></t<>	ECLASS-11.1	27060311
busions tariff number     85444290       GTIN     4048879779098       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       Depreting voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics        Status indication LED     no       Installation   Connection     20 mm       Stripping length (jacket)     20 mm       Mounting set     M8 x 1       Device protection   Electrical        Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Coating of fitting     nickeled       Coating of fitting     nickeled       Coating of fitting     nickele plated       Material group (IEC 60664-1)     Zin cdie-casting	ECLASS-12.0	27060311
STIN 4048879779098   Packaging unit 1   Electrical data   Supply   Deprating 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 U   Status indication LED no   Installation   Connection Ma x 1   Device protection   Electrical 30 V   Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 1, kV   Material gasket FKM   Coating okcing nickel plated   Material gasket FKM   Locking material Zinc die-casting	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Supply     Operating voltage AC max.   50 V     Operating voltage DC max.   60 V     Operating voltage AC (UL-listed)   30 V     Diagnostics   4 A     Diagnostics   50 V     Status indication LED   no     Installation   Connection   20 mm     Mounting set   M8 x 1     Device protection   Electrical   M8 x 1     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     I	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     50 V       Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics	GTIN	4048879779098
Operating voltage AC max.     50 V       Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics	Packaging unit	1
Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics        Status indication LED     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     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting	Electrical data   Supply	
Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Diagnostics   Image: Contact max.     Status indication LED   no     Installation   Connection   20 mm     Mounting set   M8 x 1     Device protection   Electrical   Inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Veckel     Coating locking   Nickeled     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting	Operating voltage AC max.	50 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     no       Status indication LED     no       Installation   Connection     20 mm       Strippi length (jacket)     20 mm       Mounting set     M8 x 1       Device protection   Electrical     30 V       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     Scaling locking       Coating locking     Nickeled       Coating set     FKM       Locking material     Zin cdie-casting	Operating voltage DC max.	60 V
Current operating per contact max.   4 A     Diagnostics   no     Status indication LED   no     Installation   Connection   20 mm     Stripping length (jacket)   20 mm     Mounting set   M8 x 1     Device protection   Electrical   M8 x 1     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Mickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zin cdie-casting	Operating voltage AC (UL-listed)	
Diagnostics       Status indication LED     no       Installation   Connection     Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M8 x 1       Device protection   Electrical     Inserted, screwed       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Coating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting	Operating voltage DC (UL-listed)	
Status indication LED   no     Installation   Connection   20 mm     Stripping length (jacket)   20 mm     Mounting set   M8 x 1     Device protection   Electrical   Inserted, screwed     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Vickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting	Current operating per contact max.	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	Diagnostics	
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	Status indication LED	no
Stripping length (jacket) 20 mm   Mounting set M8 x 1   Device protection   Electrical Inserted, screwed   Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) I   Mechanical data   Material data Inserted   Coating locking Nickeled   Coating of fitting nickel plated   Material gasket FKM   Locking material Zinc die-casting		
Mounting set M8 x 1   Device protection   Electrical   Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) I   Mechanical data   Material data   Coating locking Nickeled   Coating of fitting nickel plated   Material gasket FKM   Locking material Zinc die-casting   Material screw connection Zinc die-casting		
Device protection   Electrical     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		
Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data   Material dataCoating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting		M8 x 1
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   Nickeled     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting	Device protection   Electrical	
Rated surge voltage 1,5 kV   Material group (IEC 60664-1) I   Mechanical data   Material data I   Coating locking Nickeled   Coating of fitting nickel plated   Material gasket FKM   Locking material Zinc die-casting   Material screw connection Zinc die-casting	Additional condition protection degree	inserted, screwed
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
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	Rated surge voltage	1,5 kV
Coating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-casting	Material group (IEC 60664-1)	
Coating of fitting nickel plated   Material gasket FKM   Locking material Zinc die-casting   Material screw connection Zinc die-casting	Mechanical data   Material data	
Material gasket FKM   Locking material Zinc die-casting   Material screw connection Zinc die-casting	Coating locking	Nickeled
Material gasket FKM   Locking material Zinc die-casting   Material screw connection Zinc die-casting	Coating of fitting	nickel plated
Locking materialZinc die-castingMaterial screw connectionZinc die-casting	Material gasket	FKM
Material screw connection Zinc die-casting	Locking material	Zinc die-casting
	Material screw connection	
	meenanical data   mounting data	

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: 2024-05-19

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inserted, screwed, Shaking protection Mounting method Environmental characteristics | Climatic Operating temperature min. -25 °C 85 °C Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-104 (M8) Installation | Cable Cable identification 633 Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted brown, black, blue wire arrangement Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PP Amount wires 3 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 42 Amount strands (wire) Diameter of single wires 0,1 mm Conductor crosssection (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 6 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 -2,5 kV @ 60 s jacket) 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** UL 1581 § 1090 | UL 1581 § 1100 FT2 | IEC 60332-2-2 Flame resistance chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing | DIN EN 60811-404

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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	
Torsion speed	35 cycles/min	

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