

## M8 female 0° A-cod. with cable

PVC 4x0.25 gy UL/CSA 10m

Female straight

M8, 4-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

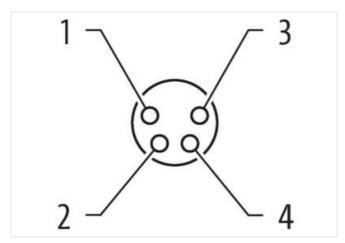
Further cable lengths on request.

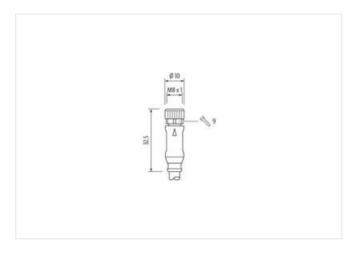
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

10 m

Side 1

Tightening torque

0,4 Nm

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: 2024-05-07



Casting contents         gold plated           Transit construction from         M8           Thread         M8 x 1           suitable for corrugated butte (internal O)         6.5 mm           Coding         A           Material contact         Copper alloy           Material contact         Copper alloy           No. of poles         4           Width across fluts         SW9           Degree of protection (EN IEC 60529)         P85, P86K, P87           Side 2         SW9           Side 2         Side 1           Side 3         Signifight (jacket)           Coating contact         gold plated           Family construction form         the cable and           ECL ASS-8.0         27279218           ECL ASS-9.1         27000311           ECL ASS-9.1         27000311           ECL ASS-9.1         27000311           ECL ASS-9.2         27000311           ECL ASS-9.3         EVERY ACROSS           CO TASS-1.1	Mounting method	inserted, screwed
Family construction form		
Thread	·	
Coding         A           Material contact         Copper alloy           Material         PUR           No. of poles         4           Width across flats         SW9           Degree of protection (EN IEC 60829)         IP65, IP66K, IP67           Side 2         Side 2           Signify acycle (Signify Carcillate)           Commercial day           EC 488 6.0           27727818           EC 488 6.0         27727818           EC 488 8.0         27729618           EC 488 8.0         277296318           EC 488 8.0		M8 x 1
Material contact         Copper alloy           Material         PUR           No. of poles         4           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP85, IP68K, IP67           Side 2         Simpoing length (incket)           20 mm         Conditing contact           Contacting contact         gold plated           Family construction form         fire cable end           Contact attal         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1.1         27060311           ECLASS 9.1.2         27060311           ECLASS 9.1.3         270706031           ECLASS 9.1.4         27060311           ECLASS 9.1.5         2707060311           ECLASS 9.1.0         2707060311           ECLASS 9.1.1         4048879229951           Packaging unit         1           Electrical data   Supply           Operating vollage AC max	suitable for corrugated tube (internal Ø)	6,5 mm
Material contact         Copper alloy           Material         PUR           No. of poles         4           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP85, IP68K, IP67           Side 2         Simpoing length (incket)           20 mm         Conditing contact           Contacting contact         gold plated           Family construction form         fire cable end           Contact attal         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1.1         27060311           ECLASS 9.1.2         27060311           ECLASS 9.1.3         270706031           ECLASS 9.1.4         27060311           ECLASS 9.1.5         2707060311           ECLASS 9.1.0         2707060311           ECLASS 9.1.1         4048879229951           Packaging unit         1           Electrical data   Supply           Operating vollage AC max		A
Material         PUR           No. of poles         4           Witch across flats         SW9           Degree of protection (EN IEC 60529)         1965, F66K, IP67           Side 2         Stropping length (jacket)         20 mm           Coating contract         gold plated           Family construction form         free cable end           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0.0         27799218           ECLASS-9.0         27060311           ECLASS-1.1         27090311           ECLASS-1.2.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         127060311           ECLASS-1.2.0         127060311           ECLASS-1.2.0         10           ETIM-5.0         ECORIESS           Locations fairf mumber         8544290           GTIN         40           Operating voltage DC max.         50 V           Operating voltage DC (ELLieled)         30 V           Operating vo		Copper alloy
No. of poles         4           Width across flats         SW9           Degree of protection (EN IEC 60529)         IPSS, IP66K, IP67           Side 2         Stripping length (jacker)         20 mm           Conting contact         gold plated           Family construction form         Iree cable and           Contage Contact Conta	Material	
Degree of protection (EN IEC 80529)         IP65, IP66K, IP67           Side 2         Side 2           Sirbipping length (jacket)         20 mm           Coating contact         gold plated           Family construction form         free cable and           Commercial date           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           Packsging unit         1           Eitertical data I Suppty           Packsging unit         1           Electrical data I Suppty           Departing voltage AC max.         50 V           Operating voltage AC (Lil-listed)         30 V           Operating voltage AC (Lil-listed)         30 V           Operating voltage AC (Lil-listed)         30 V           Operating voltage AC (Lil-listed)         <	No. of poles	4
Side 2           Stripping longth (jacket)         20 mm           Coating contact         gold plated           Family construction form         free cable and           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           Packaging unit         1           Belectrical data   Suppty           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed	Width across flats	SW9
Stripping length (jacket)	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Ceating contact         gold plated           Family construction from         free cable end           Commercial data         Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         22729218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060315           customs tariff number         85444290           GTIN         4048879228951           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (U	Side 2	
Family construction form free cable end  Commercial data  ECLASS 6.0 27279218  ECLASS 6.1 27279218  ECLASS 7.0 27279218  ECLASS 8.0 27279218  ECLASS 8.0 27279218  ECLASS 9.0 27600311  ECLASS 10.1 27060311  EVENTION 4048879229951  Packaging unit 1 1  Electrical data   Supply  Operating voltage DC max. 60 V  Operating voltage DC max. 60 V  Operating voltage DC max. 60 V  Operating voltage DC (UL-listed) 30 V  Operating voltage DC (UL-	Stripping length (jacket)	20 mm
Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         ECOH385           customs tarilf number         85444290           GTIN         4048879229951           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         60 V           Operating portage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostites         Status indication LED           Stripping length (jacket)         0 mm           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3      Rated surge voltage         1,5 kV <t< td=""><td>Coating contact</td><td>gold plated</td></t<>	Coating contact	gold plated
ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 12060311 ECLAS-12.0	Family construction form	free cable end
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         404879229951           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           Developerating voltage AC (UL-listed)         30 V	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         27060311           ECLASS-12.0         EC001855           customs tariff number         85444290           GTIN         4048879229951           Packaging unit         1           Electrical data   Supply         1           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage DC (U-listed)         30 V           Operating voltage DC (U-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         no           Installation   Connection         Stripping length (jacket)           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material gasket         I/M           Locking material<	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           usotsoms tariff number         85444290           GTIN         4048679229951           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (U-Listed)         30 V           Operating voltage AC (U-Listed)         30 V           Operating voltage AC (U-Listed)         30 V           Operating voltage PC contact max.         4 A           Diagnostics         V           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           Politation Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material dat	ECLASS-6.1	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           usotsoms tariff number         85444290           GTIN         4048679229951           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (U-Listed)         30 V           Operating voltage AC (U-Listed)         30 V           Operating voltage AC (U-Listed)         30 V           Operating voltage PC contact max.         4 A           Diagnostics         V           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           Politation Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material dat		
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         4048879229951           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 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 60684-1)         1           Mechanical data   Material data         Coating foking           Coating of fitting         nickel plated           Mater		27279218
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879229951           Packaging unit         1           Electrical data   Supply         V           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 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)         I           Mechanical data   Material data         Coating of fitting           Coating of fitting </td <td>ECLASS-9.0</td> <td>27060311</td>	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879229951           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage PC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           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         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating foliting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879229951           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 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         3           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879229951 Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 50 V  Operating voltage DC max. 60 V  Operating voltage DC max. 4 A  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 66664-1) 1  Mechanical data   Material data  Coating forking nickel plated  Material gasket FKM  Locking material Zinc die-casting  Material screw connection Zinc die-casting	ECLASS-12.0	27060311
GTIN 404879229951 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 50 V Operating voltage AC 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 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 nickel plated  Material gasket FKM Locking material Zinc die-casting  Material screw connection Zinc die-casting  Material screw connection Zinc die-casting  Material screw connection Zinc die-casting	ETIM-5.0	EC001855
Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 50 V  Operating voltage AC (UL-listed) 30 V  Operating voltage DC (UL-listed) 4A  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  Goating of fitting nickel plated  Material gasket FKM  Locking material Zinc die-casting  Material screw connection Zinc die-casting	customs tariff number	85444290
Electrical data   Supply  Operating voltage AC max. 50 V  Operating voltage DC max. 60 V  Operating voltage AC (UL-listed) 30 V  Operating voltage DC (UL-listed) 30 V  Operating voltage DC (UL-listed) 30 V  Operating voltage DC (UL-listed) 30 V  Current operating per contact max. 4 A  Diagnostics  Status indication LED 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 of fitting nickel plated  Material gasket FKM  Locking material Zinc die-easting  Material screw connection Zinc die-easting	GTIN	4048879229951
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 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 of fitting nickel plated Material gasket FKM Locking material Material screw connection Zinc die-casting Material screw connection Zinc die-casting	Packaging unit	1
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) 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 of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection 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       Status indication LED       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 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 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 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 DC max.	60 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 of fitting nickel plated  Material gasket FKM  Locking material Zinc die-casting  Material screw connection Zinc die-casting	Operating voltage AC (UL-listed)	30 V
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 of fitting nickel plated  Material gasket FKM  Locking material  Material screw connection Zinc die-casting	Operating voltage DC (UL-listed)	30 V
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 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  Coating locking Nickeled  Coating of fitting nickel plated  Material gasket FKM  Locking material Material 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 Nickeled  Coating of fitting nickel plated  Material gasket FKM  Locking material  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	
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
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	Mounting set	M8 x 1
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	
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	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting  nickel plated  Material gasket  FKM  Locking material  Zinc die-casting  Material screw connection  I	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 locking  Nickeled  Coating of fitting  nickel plated  Material gasket  FKM  Locking material  Zinc die-casting  Material screw connection  Zinc die-casting	Material group (IEC 60664-1)	I
Coating of fitting nickel plated  Material gasket FKM  Locking material Zinc die-casting  Material screw connection Zinc die-casting	Mechanical data   Material data	
Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting	Coating locking	Nickeled
Locking material Zinc die-casting  Material screw connection Zinc die-casting	Coating of fitting	nickel plated
Material screw connection Zinc die-casting	Material gasket	FKM
	Locking material	Zinc die-casting
Mechanical data   Mounting data	Material screw connection	Zinc die-casting
	Mechanical 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: 2024-05-07



stay connected

Mounting method	inserted, screwed, Shaking protection
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Mounting method	, , , , , , , , , , , , , , , , , , , ,
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
•	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation   Cable	
Cable identification	211
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	34,76 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,8 mm
Folerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0.25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature (inced)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404



Bending radius (dynamic)

10 x Outer diameter