

## M12 female 0° A-cod. with cable

PUR 3x0.34 ye UL/CSA+drag ch. 10m

Female straight

M12, 3-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

with cable sleeves

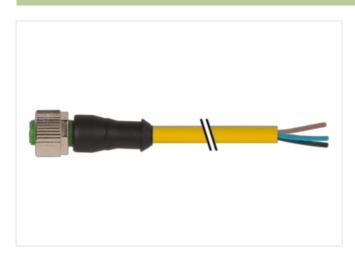
Plastic housings with good resistance against chemicals and oils.

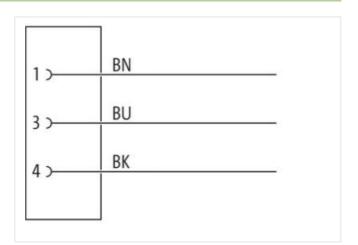
The resistance to aggressive media should be individually tested for your application. Further details on request.

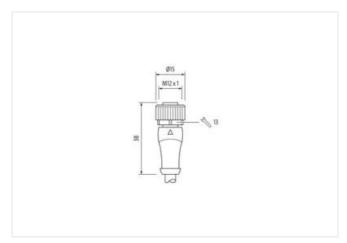
Further cable lengths on request.

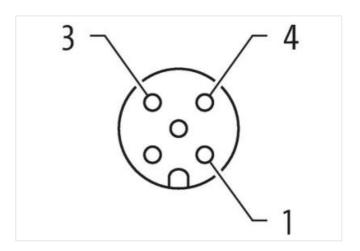
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

10 m

Side 1

Tightening torque

0,6 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: 2024-04-23



Family construction form M12  Thread M12  Thread M12  M12  Thread M12  Market  Material PUR  No. of poles 3  With across fitts SW13  Degree of protection (EN IEC 60529) PiP65, IP66K, IP67  Side 2  Side 2  Side 3  Commercial data  Commercial data  Collass-8.0 27279218  ECLASS-8.0 27279218  ECLASS-8.0 27279218  ECLASS-8.0 27279218  ECLASS-7.0 2729218  ECLASS-8.0 27279218  ECLASS-8.0 27279218  ECLASS-8.0 27279218  ECLASS-8.0 27279218  ECLASS-8.0 27279218  ECLASS-8.0 27090311  ECLASS-1.0 2000311  ECLASS-1		
Tread   Mile x   1	Mounting method	inserted, screwed
suitable for corrugated tube (internal 0)         10 mm           Coding         A           Material         PUR           No. ol poles         3           Width across flats         SWI3           Degree of protection (EN IEC 60529)         IPES, IPE6K, IPE7           Side 2         VINDER (INC.)           Commercial data         20 mm           Commercial data         27278218           ECLASS 6.0         27278218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27060311           ECLASS 7.1         27060311           ECLASS 7.0         27060311           ECLASS 7.1.1         27060311           ECLASS 7.1.1         27060311           ECLASS 7.1.1         27060311           ECLASS 7.0         27070311           ECLASS 7.0         27070311           ECLASS 7.0         27070311           ECLASS 7.1         27060311           ECLASS 7.0         27060311           ECLASS 7.0         27070311           ECLASS 7.0         27070311	Family construction form	M12
Coding         A           Matarial         PUR           Modificacios flats         SW13           Degree of protection (EN IEC 60829)         IP65, IP66K, IP67           Side 2           Sirpoing longth (scket)         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-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27070315           ECLASS-1.2.0         27070315           ECLASS-1.2.0         27070315           Collarian of the protection of the protec	Thread	M12 x 1
Meterial   PUR   No. of poles   3	suitable for corrugated tube (internal Ø)	10 mm
No. of poles         3           Worth across flatas         SW13           Degree of protection (ENLEC 60529)         IP65, IP66K, IP67           Side 2           Side pegin (lacker)         20 mm           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27729218           ECLASS-7.0         27279218           ECLASS-8.0         27060311           ECLASS-8.0.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1.1         27060311           ECLASS-1.1.2         27060311           ECLASS-1.1.3         27060311           ECLASS-1.1.4         27060311           ECLASS-1.2.0         2000311           ECLASS-1.2.1         27060311           ECLASS-1.2.1         27060311           ECLASS-1.2.0         28044290           GTIN         40487214247           Packaging unit         1           Electrical data I Supply         20           Operating voltage AC max.         250 Y           Operating voltage AC (U.IIsted)         30 V           Operating voltage DC max.         4 A           Stepping length (lacked)	Coding	A
Width across flats         SW13           Degree of protection (EN IEC 60529)         P65, IP66K, IP67           Stide 2         Stripping length (lacket)         20 mm           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218         200           ECLASS-7.0         27279218         200           ECLASS-8.0         27279218         200           ECLASS-9.0         27060311         200           ECLASS-10.1         27060311         200           ECLASS-11,3         27060311         200           ECLASS-12.0         27060311         200           ECLASS-13.1         27060311         200           ECLASS-10.1         ECO01895         200           ECLASS-10.1         ECO01895         200           ECLASS-10.1         ECO01895         200           GTIN         4048879214247         200           Packaging unit         1         Electrical data   Supply           Operating voltage AC max.         250 V         20           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage AC max.	Material	PUR
Degree of protection (EN IEC 80529)	No. of poles	3
Side 2           Commercial data           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-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         250 V           Operating upo	Width across flats	SW13
Stripping length (jacket)         20 mm           Commercial data         ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-8.0         EC001855           CLASS-12.0         27060311           ETIM-8.0         EC001855           CLASS-17.0         EC001855           GTIN         4048879214247           Packaging unit         1           Electrical data   Supply         Poperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection   Electrical           Additional condition protection degree         Inserted, screwed           Pollution Degree         3         3 <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP66K, IP67</td>	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27660311           ECLASS-10.1         27660311           ECLASS-11.2         27660311           ECLASS-12.0         27600311           ETIM-5.0         EC001855           customs tariff rumber         68444290           GTIN         4048879214247           Packaging unit         1           Electrical data   Supply           Cerating voltage AC max.         250 V           Operating voltage AC (U.L. listed)         30 V           Operating voltage AC (U.L. listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         30 V           Current operating per contact max.         4 A           Position protection   Electrical         4 A           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additional condition protection degree         inserted, screwed           Pollution Degree         2.5 kV           Macherial group (IEC 60664-1)	Side 2	
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27090311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         4008879214247           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (IUL-listed)         30 V           Urrent operating per contact max.         4 A           Installation   Connection         Installation   Connection           Stripping langth (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         A	Stripping length (jacket)	20 mm
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         2769311           ECLASS-9.0         27669311           ECLASS-10.1         27669311           ECLASS-12.0         27669311           ECLASS-12.0         27669311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879214247           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating protage protection         4 A           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Pollution Degree         3           Rated surge voltage         2.5 kV           Mechanical data   Material data           Co	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 ETIM-5.0 EC0311 ETI	ECLASS-6.0	27279218
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 12008155 customs tariff number 85444290 GTIN 4048879214247 Packaging unit 1 Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation   Connection  Stripping length (gacket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage Material group (IEC 60684-1) 1  Mechanical data   Material data Coating locking incikel plated Locking material connection 2 inserted, screwed, Shaking protection Mechanical data   Material data Mounting set Nickeled Coating of fitting nickel plated Locking material connection 2 inserted, screwed, Shaking protection Mechanical data   Material data Mounting method inserted, screwed, Shaking protection Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic Operating temperature max. 85 °C Operating temperature max. 85 °C	ECLASS-6.1	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 404879214247 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Operating voltage AC max. 4 A Installation   Connection Stripping length (facket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2, 5, kV Material group (IEC 60664-1) I  Mechanical data   Material data Coating locking Institute   Zinc die-casting Material screw connection   Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature max. 85 °C Operating temperature max. 85 °C  Operating temperature max. 85 °C  Operating temperature max. 85 °C	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879214247           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating portage AC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc	ECLASS-8.0	27279218
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           GTIN         4048879214247           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage per contact max.         4 A           Installation   Connection         V           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Machanical data   Material data         Coating locking           Coating locking         Nickeled           Coating locking anterial         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Fervironmental charac	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879214247           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 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           Installation   Connection         Stripping length (jacket)           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60684-1)         I           Mechanical data   Material data         I           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material sorew connection         Zinc die-casting           Mechanical data   Mounting data           Moun	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879214247           packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating poltage PC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         4 A           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         1           Coating locking         Nickeled           Coating of litting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting method         inserted, screwed, Shaking protection     <	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879214247 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Coating of fitting nickel plated  Locking material Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C	ECLASS-12.0	27060311
GTIN         4048879214247           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         4 A           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Metarial group (IEC 60664-1)         1           Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C	ETIM-5.0	EC001855
Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 250 V  Operating voltage AC (max. 250 V  Operating voltage DC max. 250 V  Operating voltage DC (UL-listed) 30 V  Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage Pollution Degree 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material inchercation inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	customs tariff number	85444290
Electrical data   Supply         250 V           Operating voltage AC max.         250 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           Installation   Connection         V           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating looking         Nickeled           Coating looking         nickel plated           Looking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C	GTIN	4048879214247
Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage C (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C	Packaging unit	1
Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Metanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Meterial group (IEC 60664-1)     1       Mechanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Strinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Operating voltage DC max.	250 V
Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Operating voltage AC (UL-listed)	30 V
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min25 °C  Operating temperature max. 85 °C	Operating voltage DC (UL-listed)	30 V
Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated Locking material Screw connection Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Current operating per contact max.	4 A
Mounting set M12 x 1  Pevice protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Installation   Connection	
Mounting set M12 x 1  Pevice protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Stripping length (jacket)	20 mm
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Mounting set	M12 x 1
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Device protection   Electrical	
Pollution Degree 3 Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		inserted screwed
Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		
Material group (IEC 6064-1)  Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting  nickel plated  Locking material  Zinc die-casting  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method  inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.		
Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		
Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		Nickeled
Locking material  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C		
Material screw connection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		·
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Material screw connection	
Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Mechanical data   Mounting data	
Operating temperature min25 °C Operating temperature max. 85 °C	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C	Environmental characteristics   Climatic	
	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality

Conformity



Product standard DIN EN 61076-2-101 (M12)

1 Toddot otaridard	511 21 01070 2 101 (M12)
Installation   Cable	
Cable identification	033
Cable Type	3
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	10 Mio. @ 25 °C
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
Amount strands (wire)	42
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
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m