

## M12 female 0° A-cod. with cable shielded

PVC 5x0.34 shielded bk UL/CSA 25m

M12, 5-pole Female straight shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

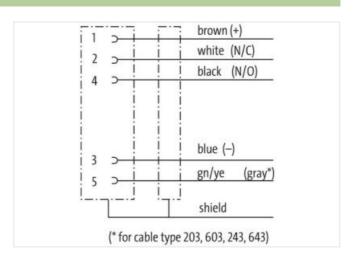
The resistance to aggressive media should be individually tested for your application. Further details on request.

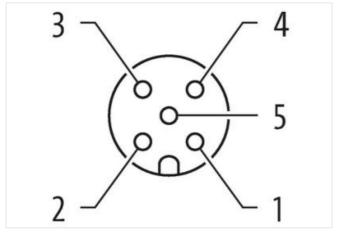
Further cable lengths on request.

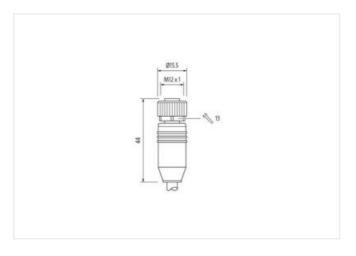
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

25 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: 2024-04-28



stay connected

Family construction from   M12 x	Mounting method	inserted, screwed
Tread         M12 x 1           Coding         A           Material         PUR           Wich across files         SW13           Degree of protection (EN ISC 00528)         PG6, FROK, IP07           Stripping length (jacket)         20 mm           Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27279218           ECLASS 9.0         27090311           ECLASS 1.1         27090311           ECLASS 1.2.0         27090311           ECLASS 1.2.0         27090311           ECLASS 1.1         27090311           ECLASS 1.2.0         27090311           ECLASS 1.2.0         12001853           GTIN         4048879828956           Packaging unit         1           Electrical data [Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC max.         40 V           Operating voltage AC (UL-steet)         30 V           Operating voltage AC (UL-steet)         30 V           Operating voltage AC (UL-steet)         30 V           Operating voltage AC (UL		
Cable Outlet         shaight           Octing         A           Material         PUR           With across flats         SW13           Degree of proction (R IEC 60059)         [P66, P67]           Side 2         Stroping longth (tacket)           Commercial Cata         Commercial Cata           ECLASS-8.0         2779218           ECLASS-8.0         2779218           ECLASS-8.0         2779218           ECLASS-9.0         2700311           ECLASS-9.0         2700311           ECLASS-9.0         2700311           ECLASS-1.1         2700311           ECLASS-1.2         2700311           ETM-5.0         ECLASS-1.0           ETM-5.1         2700311           ETM-5.2         ECLASS-1.0           ETM-6.0         ECLASS-1.0		
Ceding         A           Meaterial         PUR           Meaterial         SW13           Degree of protection (EN IEC 60529)         PBSE, IP68K, IP67           Stripping length (jacker)         20 mm           Commercial data           ECLASS-R.0         27279218           ECLASS-R.0         27279218           ECLASS-R.0         27279218           ECLASS-R.0         27060311           ECLASS-R.0         27060311           ECLASS-R.1.1         27060311           ECLASS-R.1.2         27060311           ECLASS-R.1.3         27060311           ECLASS-R.1.4         27060311           ECLASS-R.1.9         27060311           ECLASS-R.2.0         27060311           ECLASS-R.1.1         27060311           ECLASS-R.2.0         2707040311		
Meterial         PUR           With across flats         SW13           Danger of proteion (EN IEC 00529)         IP65, IP66K, IP67           Side 2           Stripping length (lacket)         20 mm           Commercial data           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060911           ECLASS-9.0         404879828956         40           Packagi unit         1           Eclatica data i Suppi           Coperating vol		<del>-</del>
With across fals         SW13           Degree of protection (EN IEC 60529)         IPS6, IP66K, IP67           Side 2         Stripping length (jacket)         20 mm           Commercial data           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27080311           ECLASS-9.1         27080311           ECLASS-10.1         27080311           ECLASS-10.2         27000311           ECLASS-10.3         ECOMBS           ECLASS-10.4         27000311           ECLASS-10.5         ECOMBS           ECLASS-10.6         ECOMBS           ECLASS-10.1         27000311           ECLASS-10.1         27000311           ECLASS-10.1         404887828950           ETM-5.0         ECOMBS           ECLASS-10.1         404887828950           ETM-5.0         ECOMBS           Eclassian Inumber         60 V           Operating voltage DC max         60 V           Operating voltage DC (ILL-lead)         30 V           Operating voltage DC (ILL-lead)         30 V           Empty of per contact max         4 A		
Degree of protection (EN IEC 68529)         IP65, IP66K, IP67           Side 2           Side 2           Side (Commercial date)           ECLASS-6.0         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           ECLASS-12.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs staff number         85444290           GTIN         404879828956           Packaging und         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (VL-Hestor)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mark x 1           Stipping length (jackel)         20 mm           Mounting set         4 A           Installation		
Side 2           Stroping langth (lacked)         20 mm           Commercial data           ECLASS-0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27000311           ECLASS-9.0         27000311           ECLASS-10.1         27060311           ECLASS-11.2         27060311           ECLASS-12.0         27090311           ECLASS-13.1         27060311           ECLASS-10.1         27090311           ECLASS-10.2         27090311           ECLASS-11.3         27090311           ECLASS-12.0         27090311           ECLASS-13.1         27090311           ECLASS-10.1         27090311           ECLASS-11.3         27090311           ECLASS-12.0         27090311           ECLASS-13.1         27090311           ECLASS-13.1         27090311           ECLASS-10.1         27090311           ECLASS-10.1         27090311           ECLASS-10.1         27090311           ECLASS-10.1         27090311           ECLASS-10.1         27090311           Eclassian Marcial Supplementarion (State of Call State of Call S		
Stipping length (sacket)   20 mm		IP65, IP66K, IP67
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ETM-5.0         ECOM 855           customs staff rumber         85444290           GIN         404879828956           Packaging unit         1           Electrical data   Suppty         5           Electrical data   Suppty         5           Perating voltage AC max.         60 V           Operating voltage AC (IL-listed)         30 V           Guiden (In-listed)         30 V           Guiden (In-l	Side 2	
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           Loustoms traff number         65444290           OTIM         4048879828956           Packaging unt         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC QLI-listed.         30 V           Operating voltage AC QLI-listed.         30 V           Operating voltage DC QLI-listed.         30 V           Ories protection   Electrical         Additional condition protection degree         16 male           Device protection   Electrical         Additional condition protection degree         1,5 kV           Malerial group (ICC 60664-1)         1	Stripping length (jacket)	20 mm
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         12060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         2707031           ECLASS-12.0         120704           ELECTICAL SCARDARY         404887828956           Packaging unit         30 V           Operating voltage AC max.         60 V           Operating my voltage AC max.         40 V <t< td=""><td>Commercial data</td><td></td></t<>	Commercial data	
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         1001855           customs tariff rumber         85444290           GTIN         404887982856           Packaging unit         1           Electrical data   Suppty           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Stripping length (jacket)         20 mm           Browning set         M12 x 1           Gender         female           Device protection   Electrical           Additional condition protection degree         insertd, screwed           Pollution Dagree         3           Rated surge voltage         1,5 kV           Material gr	ECLASS-6.0	27279218
ECLASS 9.0         27060311           ECLASS 9.0.1         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879828956           Packaging unit         1           Electrical data   Supply         Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         30 V           Current operating per contact max.         4 A           Installation   Connection         80 mm           Mounting set         MIZ x 1           Gender         female           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group   Ec 60644-1)         1           Mechanical data   Material data           Conti	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048078228956           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Installation   Connection         V           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Gender         female           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1	ECLASS-8.0	27279218
ECLASS-11.11         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001655           customs tarilf number         85444290           GTIN         4048879828956           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection           Stripping langth (jacket)         20 mm           Mounting set         M12 x 1           Gender         female           Polition Degree           3         3           Additional condition protection degree         inserted, screwed           Polition Degree         3           Meterial group (EC 60664-1)         1           Mechanical data           Contant jocking         without           Mechanical data [Material data           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data [Mounting data	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           GTIN         4048879828956           Packaging unit         1           Electrical data   Suphy         0           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Strippin length (jacket)           Strippin length (jacket)         20 mm           Mounting set         M12 x 1           Gender         female           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         Mickeled           Contour for corrugated hose         without           Mechanical data   Material data         Zinc die-casting           Mechanical data   Material data         Zinc die-casting           Mechanical data	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879828956           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Stripping length (facket)         20 mm           Mounting set         M12 x 1           Gender         lenale           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         Videous mickel plated           Contour for corrugated hose         without           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material strew connection <t< td=""><td>ECLASS-11.1</td><td>27060311</td></t<>	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879828956 Packaging unit 1 Electrical data   Supply  Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage M12 x 1  Mechanical data   Muerial data   Mechanical data   Material data   Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic	ECLASS-12.0	27060311
GTIN 404879828956 Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 60 V  Operating voltage AC (UL-listed) 30 V  Operating voltage DC max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Mechanical data   Material data  Coating of litting nickel plated  Locking material   Material data  Coating of litting nickel plated  Locking material   Since   Dice   Dic	ETIM-5.0	EC001855
Packaging unit 1  Electrical data   Supply  Operating 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  Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage AC (UL-listed) 1,5 kV  Material group (IEC 60664-1) I  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc dis-casting  Material screw connection Zinc dis-casting  Mechanical data   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Coperating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature mange depending on cable quality	customs tariff number	85444290
Pectrical data   Supply	GTIN	4048879828956
Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A  Installation   Connection  Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female  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  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating locking nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Environmental temperature max. 85 °C  Additional condition temperature range depending on cable quality	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) 30 V  Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1 Gender female  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   Mounting data  Contour for corrugated hose without  Mechanical data   Material data  Coating ocking Nickeled  Coating ocking 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  Environmental characteristics   Climatic  Environmental temperature max. 85 °C  Additional condition temperature range depending on cable quality	Electrical data   Supply	
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  Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1 Gender female  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   Mounting data  Contour for corrugated hose without  Mechanical data   Material data  Coating ocking Nickeled  Coating ocking 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  Environmental characteristics   Climatic  Environmental temperature max. 85 °C  Additional condition temperature range depending on cable quality	Operating voltage AC max.	60 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) 20 mm  Mounting set M12 x 1 Gender female  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  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality		60 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 Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IBC 60684-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material zire die-casting  Mechanical data   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range		30 V
Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Gender female  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  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material 2 izne die-casting  Material screw connection izne die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality		30 V
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Gender female  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  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  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  Additional condition temperature range depending on cable quality		4 A
Mounting set M12 x 1 Gender female  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  Contour for corrugated hose without  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  Additional condition temperature range depending on cable quality		
Mounting set M12 x 1 Gender female  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  Contour for corrugated hose without  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  Additional condition temperature range depending on cable quality	Stripping length (jacket)	20 mm
Gender female  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  Contour for corrugated hose without  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  Additional condition temperature range depending on cable quality		
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  Contour for corrugated hose without  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  Additional condition temperature range depending on cable quality		
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material  Atterial 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  Additional condition temperature range depending on cable quality	Device protection   Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  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  Additional condition temperature range depending on cable quality	•	
Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  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  Additional condition temperature range depending on cable quality		
Material group (IEC 60664-1)  Mechanical data  Contour for corrugated hose without  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  Additional condition temperature range depending on cable quality		
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    Additional condition temperature range    depending on cable quality		1,5 KV
Contour for corrugated hose without  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  Additional condition temperature range depending on cable quality		<u> </u>
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  Additional condition temperature range  depending on cable quality	Mechanical 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  Additional condition temperature range depending on cable quality	Contour for corrugated hose	without
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  Additional condition temperature range depending on cable quality	Mechanical data   Material data	
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  Additional condition temperature range  depending on cable quality	Coating locking	Nickeled
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  Additional condition temperature range depending on cable quality	Coating of fitting	nickel plated
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality	Mechanical data   Mounting data	
Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Environmental characteristics   Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality		85 °C
		depending on cable quality

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: 2024-04-28



stay connected

Nata an bandina vadine	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 61076-2-101 (M12)	
Installation   Cable		
Cable identification	603	
Cable Type	1	
Jacket Color	black	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	5 wires around Core filler twisted	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	80 %	
Banding	Fleece, Foil	
Filler	yes	
wire arrangement	brown, black, blue, white, gray	
Cable weigth	68,2 g/m	
Material jacket	PVC	
Shore hardness jacket	85 ± 5 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free	
Outer-diameter (jacket)	5.6 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PVC	
Amount wires	5	
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)	19	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,34 mm²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	4,5 A	
Electrical resistance line constant wire	57 Ω/km @ 20 °C	
Nominal voltage power AC max.	300 V	
AC withstand voltage power (wire - shield)	2 kV @ 60 s	
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s	
AC withstand voltage power (wire - wire)	2 kV @ 60 s	
Min. operating temperature (static)	-30 °C	
Max. operating temperature (fixed)	80 °C	
Operating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	80 °C	
JV resistance	DIN EN ISO 4892-2 A	
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
	Good, application-related testing   DIN EN 60811-404	