

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

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

M12, 5-pole Female straight shielded with cable sleeves

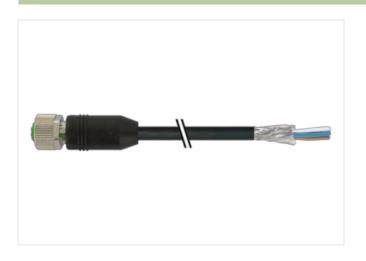
Plastic housings with good resistance against chemicals and oils.

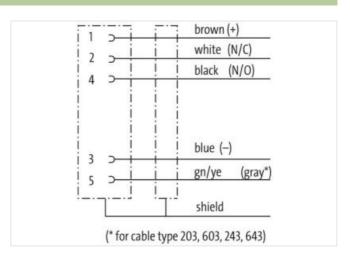
The resistance to aggressive media should be individually tested for your application. Further details on request.

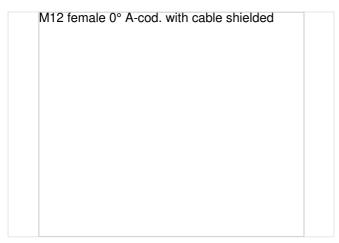
Further cable lengths on request.

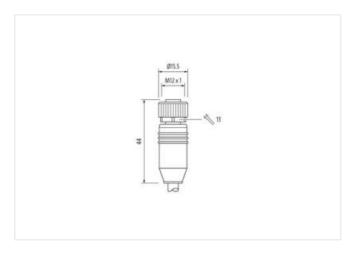
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

5 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: 2024-05-03



stay connected

Thread ME2 to ME	Mounting method	inserted, screwed
Timed         M12 1           Coding         A           Coding         A           Material         PUR           Width across flass         SW13           Degree of protection (EN ISC 60529)         PSC, FROK, IPO7           Stripping length (jackety)         20 mm           Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27279218           ECLASS 9.0         27090311           ECLASS 1.1         27080311           ECLASS 1.2.0         27090311           ECLASS 1.2.0         27090311           ECLASS 1.2.0         27090311           ECLASS 1.2.0         27000311           <		· · · · · · · · · · · · · · · · · · ·
Cable Coding         A           Coding         A           Manarial         PUR           With acons flats         SW13           Degree of protection (RUEC 60054)         IP86, P86K, P87           Side 2         SW19           Stripping langth (jackoti)         20 mm           ECLASS-6.0         27278218           ECLASS-7.0         27279218           ECLASS-8.0         27000311           ECLASS-9.0         27000311           ECLASS-1.1         27000311           ECLASS-1.2.0         27000311           ECLASS-1.2.0         27000311           ETM-9.0         ECCASS-1.1           ECLASS-1.2.1         27000311           ETM-9.0         ECCASS-1.2		
Coding         A           Material         PUR           Worth across flats         SW13           Degree of protection (EN IEC 60529)         P95E, IPS6K, IPS7           Stripping length (jacker)         20 mm           Commercial data           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-13.1         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1         40070311           ECLASS-10.1         60070311           ECLASS-10.1         10070311		
Material         PUR           Width across flats         SW13           Dages of protection (EN EC 00529)         IP85 (PBK (P87)           Side 2         Stripping length (scket)         20 mm           Commercial dats           ECLASS 6.0         2779218           ECLASS 7.0         2779218           ECLASS 9.0         27606011		
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         From Commercial factors           Stripping length (jacket)         20 mm           Commercial factors           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27080311           ECLASS-10.1         494887484938           ECLASS-10.1         494887484939           ECRACKARA		
Pegree of protection (EN IEC 60529)		
Side 2           Stripping length (lacket)         20 mm           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27270218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.0.0         27060311           ECLASS-1.0.1         27060311           ECLASS-1.0.0         27060311           ECLASS-1.0.1         27060311           ECLASS-1.1         27060311           ECLASS-1.0         27060311           ECLASS-1.1         27060311           Electrical data I Supply           Operating voltage DC max         60 V           Operating vo		
Stripping length (jacket)   20 mm		1P65, 1P66K, 1P67
Commercial data           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27669311           ECLASS-11.1         27669311           ECLASS-12.0         27669311           ETM-5.0         ECOMBSS-1.1           ECLASS-12.0         27660311           ETM-5.0         ECOMBSS-1.1           ECLASS-12.0         280.0           Eclasseria (LASS-1.1)         49.0           Packaging until         1           Electrical data (Suppt)         50.0           Perceit (LASS-1.1)         50.0           Operating voltage AC (Mall-state)         30.0           Operating voltage AC (Mall-state)         30.0           Porting voltage AC (Mall-state)         40.0	Side 2	
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           Louisons triff number         8544290           GTIM         4048879494939           Packaging unit         1           Electrical data   Supply           Operatiny voltage AC max.         60 V           Operatiny voltage AC max.         60 V           Operatiny voltage AC (UL-listed)         30 V           Worth operating per content max.         4 A           Installation   Connection         M12 x 1           Stripping length (jacket)         20 mm           Mounting pertoetion   Electrical           Additional condit	Stripping length (jacket)	20 mm
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27090311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         12060311           ECLASS-12.0         12060311           ECLASS-12.0         12060311           ETIM-5.0         EC001855           cuations latiff number         85444290           GTIN         404887849399           Packaging unit         1           Electrical data   Suppty         1           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC QUL-listed.         30 V           Operating voltage AC QUL-listed.         30 V           Operating voltage AC QUL-listed.         30 V           Current operating per contact max.         4           Mounting set         M12 x 1           Gender         Fenale           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Attend	Commercial data	
ECLASS-8.0         27279218           ECLASS-9.0         27600311           ECLASS-10.1         27600311           ECLASS-11.1         27600311           ECLASS-12.0         27600311           ECLASS-12.0         27600311           ETIMI-5.0         ECO01855           customs tariff number         85444290           GTIN         40488794939           Packaging mit         1           Electrical data   Supply         0           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           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Rispoin gording fleakety         20 mm           Mounting set         M12 x 1           Gender         female           Pervice protection   Electrical         M12 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rete disrupe voltage         1,5 kV           Material group (ICE 60684-1)         I           Mechanical data	ECLASS-6.0	27279218
ECLASS 9.0         27660311           ECLASS 1-0.1         27660311           ECLASS 1-1.1         27060311           ECLASS 1-2.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         40488794949393           Packaging unit         1           Electrical fata   Supply         February           Operating voltage AC max         60 V           Operating voltage AC (UL-lised)         30 V           Operating voltage DC max         60 V           Operating voltage DC (UL-lised)         30 V           Current operating per contact max.         4 A           Installation   Connection         V           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Gender         female           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Follution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         1           Mechanical data   Material data         Wickeled           Coating of fitting         nickel plated           Loc	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-11.2         27060311           ETM-5.0         EC001855           customs tariff number         85444290           GTIN         40488784949339           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Installation   Connection         Stripping length (jacket)           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 volta	ECLASS-8.0	27279218
ECLASS-11.11         27060311           ECLASS-12.0         27060311           ECLASS-12.0         ECD01855           customs tariff number         85444290           GTIN         40488734949339           Packaging unit         1           Electrical data   Supply           Operating vollage AC max.         60 V           Operating vollage AC (UL-listed)         30 V           Operating vollage AC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection           Stripping length (gacket)         20 mm           Mounting set         M12 x 1           Gendor         Installation   Connection           Pevice protection   Electrical           Additional condition protection degree         Inserted, screwed           Polituto Degree         3           Additional condition protection degree         Inserted, screwed           Polituto Degree         3           Attention of protection degree         Inserted, screwed           Polituto protection degree         Inserted, screwed           Contaging (Ec 6664-1)         1	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879494939           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           Current operating per contact max.         4 A           Installation   Connection         V           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         Without           Mechanical data   Material data         Vickeled           Coating locking         Nickeled           Coating locking material         Zinc die-casting           Mechanical data   Mounting data         Zinc die-casting <td>ECLASS-10.1</td> <td>27060311</td>	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048873494399           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 port contact max.         4 A           Installation   Connection         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)         1           Mechanical data         Image: Contract of the protection of th	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879494939 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  Wechanical 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 404879494939 Packajng unit 1  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 Operating voltage DC (UL-listed) 30 V  Operating voltage DC (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  Conting open (jacket) 1   I  Mechanical data   Material data  Coating of lifting nickel plated  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  Coperating temperature min25 °C  Operating temperature man. 85 °C  Additional condition temperature range depending on cable quality	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 DC (UL-listed) 30 V Operating per contact max. 4 A  Installation   Connection  Stripping length (facket) 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  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 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 mane depending on cable quality	customs tariff number	85444290
Pectating voltage AC max. 60 V	GTIN	4048879494939
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) 1  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  Operating 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           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)         1           Mechanical data         Mechanical data   Material data           Conting locking         Nickeled           Coating locking         Nickeled           Coating locking         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 max.         85 °C           Additional condition temperature range         depending on cable	Electrical data   Supply	
Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           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)         1           Mechanical data         Mechanical data   Material data           Conting locking         Nickeled           Coating locking         Nickeled           Coating locking         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 max.         85 °C           Additional condition temperature range         depending on cable	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 min25 °C  Operating 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 (IEC 60684-1) 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   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature range depending on cable quality		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  Material screw connection Zinc 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 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	Current operating per contact max.	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)    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		M12 x 1
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  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		female
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    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		
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 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	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.  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: 2024-05-03



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	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	602
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, green-yellow
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
Ingredient 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 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	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	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
UV resistance	DIN EN ISO 4892-2 A
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	DIN EN 60811-404   Good, application-related testing