

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

PUR 8x0.25 shielded bk UL/CSA+drag ch. 25m

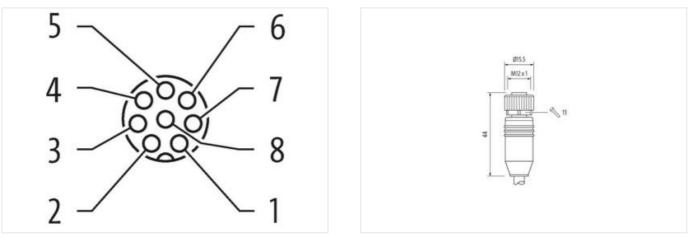
Female straight M12, 8-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration



	<u>WH</u>	1
11	BN	
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Product may differ from Image



25 m

0,6 Nm

Cable length

Side 1

Tightening torque

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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Coating contract         publiphed           Franky construction form         M12           Thread         M12 x 1           Material contact         Copper aloy           Material contact         Copper aloy           Material contact         PUR           No. of poles         8           With across faits         SW13           Dargee of protection (EN IEC 60529)         IPEs, IPEsK, IPE7           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         272900311           ECLASS-7.0         272700311           ECLASS-7.0         27000311           ECLASS-7.0         ECO01855           cuators taff number         65444200           GTN         404897463697           Packaging unit         1           Evertified data   Suppiv         V           Coperating voltage AC max.         30 V           Coperating voltage AC max.         30 V           Coperating voltage AC (LL-Sinett)         30 V           Coperating voltage AC (LL-Sinett)         30 V      <	Mounting method	inserted, screwed	
Thread         M2 × 1           Material         Coppor aloy           Material         PUR           No. of poles         8           Wich arons fints         SW13           Degree of protection (EN EC 60529)         IP65, IP66K, IP67           Commercial data         ECLASS 40           ECLASS 40         22729218           ECLASS 40         22729218           ECLASS 40         22729218           ECLASS 40         22729218           ECLASS 40         227060311           ECLASS 41         27060311           ECLASS 41.0         27060311           ECLASS 41.0         27060311           ECLASS 41.0         27060311           ECLASS 41.0         ECO01865           GTIN         4448879493887           Packaging unit         1           Edectical data [Supply         Coparating voltage AC max.           Operating voltage AC max.         30 V           Operating voltage CD cmax.         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage CD cmax.         2.4           Instaliation (Connection         Material           Material group (EC 00564.1)         1	Coating contact	gold plated	
Material         Copper aloy           Material         PUR           No. of poles         8           With access fluts         SW13           Degree of protection (FN EC 60520)         IPS6, IPS6K, IPS7           Commercial data         272729:18           ECLASS-70         272729:18           ECLASS-70         272729:18           ECLASS-70         272729:18           ECLASS-70         272706311           ECLASS-70         27060311           Electrical data [Suppy         Coperality onlage AC max.           Operality onlage AC max.         30 V           Operatiny onlage AC max.         30 V <tr< td=""><td>Family construction form</td><td>M12</td></tr<>	Family construction form	M12	
Material         PUR           No. of poles         8           No. of poles         8           With across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         Feed State Stat	Thread	M12 x 1	
No. of poles         8           With across flats         SW13           Degree of protection (EN IEC 60529)         IP66, IP67           Commercial data         ELASS 4.0           ECLASS 7.0         27279218           ECLASS 7.0         27260311           ECLASS 7.0         27060311           ECLASS 7.0         EC001855           oucloss tariff number         8544230           GTIN         40487943987           Packaging unit         1           Eectrad data   Supply         Operating voltage AC max.           Operating voltage AC max.         30 V           Operating voltage AC (UL-Isted)         30 V           Operating voltage DC max.         2 A           Institution (Connection         Mitz x 1           Device protection   Electrical         Additional condition protection degree           Additionan protection degree	Material contact	Copper alloy	
Widh across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     ECLASS-6.0       ECLASS-6.0     27279218       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       Electrical data I Suppy     200       Operating voltage AC (max.     30 V       Operating voltage AC (UL-listed)     30 V       Current operating to anotic of the func	Material	PUR	
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         ECLASS-6.0         27279218           ECLASS-6.0         27279218         ECLASS-6.0           ECLASS-6.0         27279218         ECLASS-6.0           ECLASS-6.0         27060311         ECLASS-6.0           ECLASS-6.0         27060311         ECLASS-6.0           ECLASS-10.1         27060311         ECLASS-10.1           ECLASS-11.1         27060311         ECLASS-10.1           ECLASS-10.0         27060311         ECLASS-10.1           ECLASS-10.1         27060311         ECLASS-10.1           ECLASS-10.0         27060311         ECLASS-10.1           ECLASS-10.0         27060311         ECLASS-10.1           ECLASS-10.1         27060311         ECLASS-10.1           ECLASS-10.0         27060311         ECLASS-10.1           ECLASS-10.0         27060311         ECLASS-10.1           Electical data [Suppit         044879493987         Packaging und           Packaging und 1         1         Electical data [Suppit         Packaging und ISC (UL-listod)           Operating voltage AC max.         30 V         Operating voltage AC (UL-listod)         Packaging UC (UL-listod)           Mouring ast	No. of poles	8	
Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         ECO01855           outsoms tariff number         8544290           GTIM         40487949397           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         30 V           Current operating voltage AC (ILL-listed)         30 V           Current operating voltage AC (ILL-listed)         30 V           Current operating voltage AC (ILL-listed)         30 V           Current operating per contact max.         2 A           Installation   Connection         Installed, sorewed           Pollutin Degree         3           Pated surge voltage         <	Width across flats	SW13	
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27209218           ECLASS-8.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-13.1         27060311           ECLASS-14.0         27060311           ECLASS-12.0         27060311           ECLASS-13.0         EC001855           catabras tariff number         8544290           GTIN         4048879493987           Packaging unit         1 <b>Electrical data [Supply</b> Operating voltage AC max.           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Operating voltage AC max.         2 A           Installation [ Connection         30 V           Operating voltage DC max.         2 A           Installation [ Connection Max.         2 A           Installation [ Connection flogree         inserted, screwed           Polition Degree         3           Packagrouplage         0.8 kV           Material group (EC 60664-1)         1           Mechanical data [ Material data	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-8.1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ETM-5.0         EC001855           castoms tariff number         8544290           GTIM         404879493987           Packaging unit         1           Eccredid dta   Supply            Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contast max.         2 A           Installation   Connection         M12 x 1           Bevice projection   Electrical         Additional condition protection degree           Alteriad arcup (EC 6664-1)         1           Mechanicici data   Material data         Zinc dia-	Commercial data		
ECLASS-8.0         2729218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-1.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         ECO01855           customs tariff number         85444230           GTIN         4048879493987           Packaging unit         1           Electrical dia   Supply         Supply           Operating voltage AC max.         30 V           Operating voltage AC (LL-listed)         30 V           Operating or contact max.         2 A           Installation   Connection         Mit2 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Pollution Degree         3           Additional data         Material data           Coating of fitting         nickel plated           Coating of fitting         nickel plated	ECLASS-6.0	27279218	
ECLASS-4.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-13.0         EC001855           customs tariff number         85444290           GTIN         404879439977           Packaging unit         1           Eetcrical data   Supply         Contrast           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Operating voltage AC (LL-listed)         30 V           Operating voltage DC (LL-listed)         30 V           Operating voltage AC (LL-listed)         30 V <td< td=""><td>ECLASS-7.0</td><td>27279218</td></td<>	ECLASS-7.0	27279218	
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM 5.0         EC001855           customs tariff number         8544230           GTIN         404887493987           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         30 V           Operating voltage AC (UL-listed)         30 V           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Inselted arg voltage         0.8 kV           Material group (IEC 60684-1)         1           Mechanical data   Material data         Cance casting	ECLASS-8.0	27279218	
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-S.0         EC001855           customs taiff number         8544290           GTIN         4048879493987           Packaging unit         1           Electrical data [Supply         Comparing voltage AC max.           Operating voltage AC max.         30 V           Operating voltage AC (UL-listed)         30 V           Operating per contact max.         2 A           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data Material data         Zinc die casting           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die casting           Material strew connection	ECLASS-9.0	27060311	
ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048873493867         Packaging unit       1         Electrical data   Supply         Operating voltage AC max.       30 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC max.       30 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       2 A         Installation   Connection       Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical       Inserted, screwed         Additional condition protection degree       a S         Rated surge voltage       0.8 kV         Material group (IEC 60664-1)       1	ECLASS-10.1	27060311	
ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879493987         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       30 V         Operating voltage AC max.       30 V         Operating voltage AC max.       30 V         Operating voltage AC (UL-listed)       30 V         Operating per contact max.       2 A         Installation   Connection          Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted. screwed         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (ICE co6664-1)       I         Mechanical data   Material data       Coating locking         Coating locking       Nickeled         Coating of titing       nickel plated         Locking method       inserted. screwed, Shaking protection         Material group (ICE co664-1)       I         Mechanical data   Material data       Inc dia- casting         Material screw connection       Zinc dia- casting         Material screw connection       Zinc dia- casting	ECLASS-11.1	27060311	
ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879493987         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       30 V         Operating voltage AC max.       30 V         Operating voltage AC max.       30 V         Operating voltage AC (UL-listed)       30 V         Operating per contact max.       2 A         Installation   Connection          Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted. screwed         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (ICE co6664-1)       I         Mechanical data   Material data       Coating locking         Coating locking       Nickeled         Coating of titing       nickel plated         Locking method       inserted. screwed, Shaking protection         Material group (ICE co664-1)       I         Mechanical data   Material data       Inc dia- casting         Material screw connection       Zinc dia- casting         Material screw connection       Zinc dia- casting	ECLASS-12.0	27060311	
customs tariff number       85444290         GTIN       4048879493987         Packaging unit       1         Electrical data   Supply       Operating voltage AC max.         Operating voltage AC max.       30 V         Operating voltage AC max.       30 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       2 A         Installation   Connection       M12 x 1         Device protection   Electrical       M12 x 1         Device protection   Electrical       Additional condition protection degree         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating of filting         Coating of filting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteri			
Packaging unit       1         Electrical data   Supply       30 V         Operating voltage AC max.       30 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC max.       20 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       2 A         Installation   Connection       Multiple         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating locking         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coeting in timperature min.         -25 °C       Operating temperature max.       85 °C         Add	customs tariff number	85444290	
Electrical data   Supply           Operating voltage AC max.         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         2 A           Installation   Connection         Max 1           Device protection   Electrical         Max 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fitting           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material group fitting         nickel plated           Locking material         Zinc die-casting           Material group fitting         nicserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min. <tr< td=""><td>GTIN</td><td>4048879493987</td></tr<>	GTIN	4048879493987	
Operating voltage AC max.     30 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.     2 A       Installation   Connection     Mounting set       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     1       I     Mechanical data   Material data       Coating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zine die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     dependi	Packaging unit	1	
Operating voltage AC max.     30 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.     2 A       Installation   Connection     Mounting set       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     1       I     Mechanical data   Material data       Coating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zine die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     dependi	Electrical data   Supply		
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Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         2 A           Installation   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Looking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting material           Mounting method         inserted, screwed. Shaking protection           Environmental characteristics   Climatic         Comparing temperature max.           Qperating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from mechanical lo			
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         2 A           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollution Degree         3         Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I         Image: Strew and			
Current operating per contact max.       2 A         Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating locking         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         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the permissible bending radii when laying cables, as the IP protection class can			
Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Coating locking           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           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           Important installation notes         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the permissible bending radii when laying cables, as the IP protection class can be			
Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Important installation notes       Coating of fitting     nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Mechanical data   Mounting data     Important installation notes       Mounting temperature max.     85 °C       Additional condition notes     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.			
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating locking         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         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature may.       85 °C         Additional condition notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		M19 v 1	
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating locking         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         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the permissible bending radii when laying cables, as the IP protection class can be	-	MIZXI	
Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating locking         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         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.         Ab 5 °C       Additional condition temperature range         depending on cable quality       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the permissible bending radii when laying cables, as the IP protection class can be	•		
Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Vickeled         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         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be		inserted, screwed	
Material group (IEC 60664-1)       I         Mechanical data   Material data       Vickeled         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         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on banding radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	-		
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         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		0,8 kV	
Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Material group (IEC 60664-1)	I	
Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	Mechanical data   Material data		
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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         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	Coating of fitting	nickel plated	
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Product standard DIN EN 61076-2-101 (M12)		DIN EN 61076-2-101 (M12)	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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## Installation | Cable

Instanation   Cable	
Cable identification	717
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	8 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Cable weigth	66 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)	7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,2 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)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0.25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire -	
jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
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
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min
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