

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

PVC 4x0.34 shielded gy 6m

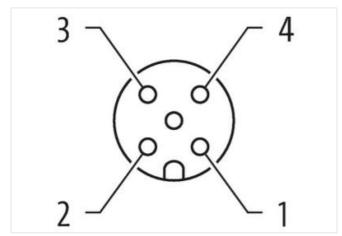
Female straight M12, 4-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

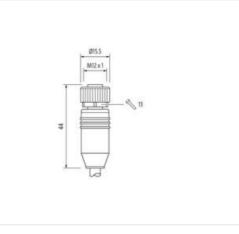
## Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

6 m

0,6 Nm

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: 2024-05-05

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Thread         M12 x 1           Coding         A           Marinal         PUR           With accose flats         SW13           Degree of protection (FU IEC S01529)         IPR5, IPR6K, IPR7           Commercial data         27270218           ECLASS 6.0         27270218           ECLASS 7.0         27090311           ECLASS 7.0         2709031           Eclass 7.0         27002	Mounting method	inserted, screwed
Coding         A           Material         PUR           Weth across fats         SW193           Dense of protection (EN EC 05529)         IP65, IP66, IP67           Commercial data         27278218           ECLASS 6.0         27278218           ECLASS 6.1         27278218           ECLASS 6.0         2706031           ECLASS 7.0         2706031           ECHASS 7.0         2706031           ETMAS 7.0         200784036           Orimity ontage 7000         200784036           Orimity ontage 7000         200797           Orimity ontage 70000	Family construction form	M12
Material         PUR           Width across flats         SW13           Degree of princetion (EN EC 6552)         IPPS,	Thread	M12 x 1
With         With           Degree of protection (EN IEC 6029)         IPE6, IPE6K (IPE7           Commercial data         E           ECLASS-6.0         27278218           ECLASS-7.0         27278218           ECLASS-7.0         27278218           ECLASS-8.0         27278219           ECLASS-8.0         27278219           ECLASS-8.0         27278219           ECLASS-10.1         27060311           ECLASS-10.2         27060311           ECLASS-10.2         27060311           ECLASS-12.0         27060311           Eclass-12.0 </td <td>Coding</td> <td>A</td>	Coding	A
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         ECLASS 6.0           ECLASS 6.1         27278218           ECLASS 6.1         27278218           ECLASS 6.0         27278218           ECLASS 5.0         27278218           ECLASS 5.1         27060311           ECLASS 5.1         27060311           ECLASS 5.1.0         27060311           ECLASS 5.1.0         27060311           ECLASS 5.0         EC001855           Cautoms strift number         85.444290           GTIN         404897954830           Packaging unit         1           Electrical data [Supply         Coperating voltage AC max.           Operating voltage AC max.         60 V           Current operating notage and max.         4.1           Installation (Commission for max.         60 V           Current operating voltage         1.5 KV           Material group (FG 6086-1)         1           Mexterial group voltage         1.5	Material	PUR
Commercial data     PCT78218       ECLASS 8.0.     PCT80311       ECLASS 8.10.     PCT80311       ECLASS 10.1     PCT80311       ECLASS 10.1     PCT80311       ECLASS 12.0     PCT80311       ECLASS 12.0     PCT80311       ECLASS 11.0     PCT80311       ECLASS 12.0     PCT80311       ECHCIA dial Support     PCT80311       Operating voltage CCmax.     60 V       Courret operating part of the X12 X1       PCRASCIA (PCRASCA)     12 X1       PCRASCIA (PCRASCA)     12 X1       PCRASCIA (PC	Width across flats	SW13
ECLASS 6.0         27278218           ECLASS 5.1         27278218           ECLASS 5.0         27278218           ECLASS 6.0         27278218           ECLASS 6.0         27278218           ECLASS 6.0         27060311           ECLASS 7.0         27080311           ECLASS 7.0         27060311           ECLASS 7.0         4708290           CON         498839364838           Packagn units         4844290           CON         Concertagn expanse           Ectrical data [Suppty         60 V           Operating voltage AC max.         60 V           Contered toperating econtast max.         4 A           Expanse tope voltat max.         4 A           Expace	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
EQLASS-6.1         27279218           EQLASS-7.0         27279218           EQLASS-7.0         27279218           EQLASS-8.0         27279216           EQLASS-9.0         27060311           EQLASS-1.1         27060311           EQLASS-1.2         27060311           EQLASS-1.1         27060316           EQLASS-1.1         404879364836           Packajng unit         1           Electrical data   Suppy            Operating voltage DC max.         60 V	Commercial data	
ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27090311           ECLASS 5.0.1         27090311           ECLASS 1.1         27090311           ECLASS 1.2         27090311           ECLASS 1.2         27090311           ECLASS 1.2         27090311           ECLASS 1.2         27090311           ECLASS 1.0         EC001855           catatoms taff number         8544290           GTIN         404879364836           OPariang voltage AC max.         60 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation I Connection         Installation I Connection           Muting set         M12 x 1           Device protection   Electrical         Installation I Conference           Material group (IEC 60664-1)         1           Mechanical data   Material data         Instella, screwed.           Policon Degree         3           Rated surge voltage         1,5 kV           Ma	ECLASS-6.0	27279218
ECLASS 8.0         27278218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.20         27060311           ECLASS 9.10         27060311           ECLASS 9.10         27060311           ECLASS 9.10         ECO1055           cariors tarlf number         8544230           Carine starlf number         80 V           Carine starlf number         80 V           Carine starlf number         80 V           Carine starlf number         812 x 1           Porice protection   Electrical         Ni2 x 1           Porice protection leftertical         3           Rated surge voltage         1,5 kV           Material starle number         1,5 kV <td>ECLASS-6.1</td> <td>27279218</td>	ECLASS-6.1	27279218
ECLASS 9.0         27060311           ECLASS 9.0.1         27060311           ECLASS 1.1.1         27060311           ECLASS 1.2.0         27060311           ECLASS 1.2.0         27060311           ECLASS 1.2.0         EC001955           ecustoms tarff number         8544290           GTIN         4048779364836           Packaging unit         1           Effectical dals J Supply         Effectical dals J Supply           Operating voltage CC max.         60 V           Operating voltage CC max.         60 V           Correct operating voltage CC max.         60 V           Operating voltage CC max.         60 V           Correct operating voltage CC max.         60 V           Operating voltage CC max.         60 V           Correct operating voltage CC max.         60 V           Operating voltage CC max.         60 V           Statilation I Connection         Installation I Connection           Material group (EC 6064-1)         I           Material row echanical data   Material data         Inseffed, screwed           Coat	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS 12.0         27060311           ECLASS 12.0         27060311           ETIM 5.0         EC001855           customs tartif rumber         85444290           GTIN         40487964366           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating por contact max.         4 A           Installation   Connection            Device protection   Electrical            Additional condition protection degree         inserted, screwed           Poliution Degree         3           Rated surge voltage         1.5 kV           Material group (EC 60664-1)         1           Mechanical data   Material data            Coating of Mitog         inskelø data           Coating of Mitog         inskelø data           Coating of Mitog         inskelø protection           Ever portact data   Material data         Zinc die casting           Material group (EC 60664-1)         insertad, screwed.           Poliution inskelø protection         Zinc die casting           Material grou	ECLASS-8.0	27279218
ECLASS-11.1         27060311           ECLASS-12.0         27060312           Caustom tariff number         85444290           Carrent operating per contact max.         60 V           Operating voltage AC max.         60 V           Carrent operating per contact max.         4 A           Installation [Connection         Installation [Connection]           Mouning set         M12 x 1           Device protection [Electrical         M2 x 1           Additional condition protection degree         inserted, screwed           Folkinon Degree         3           Reterial surge voltage         1,5 kV           Material group (EC 60664-1)         1           Meterial orge voltage         1,6 kel           Coating och	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM.5.0         EC001805           ecuations taiff number         8544290           GTIN         4048879364836           Packaging unt         1           Electrical data [Supply         Comparing voltage AC max.           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Current operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Mit X 1           Device protection   Electrical         M12 X 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (EC 60684-1)         I           Meterial group (EC 60684-1)         I           Device pra	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tailf number         85444290           OTIM         4048873364936           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection            Mouring set         M12 x 1           Device protection   Electrical            Additional condition protection degree         insarted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (EC 60664-1)         I           Coating of fitting         nickaled           Coating of fitting         nickaled           Coating of fitting         nickale plated           Locking material         Zine de-casting           Material screw connection         Zine de-casting           Coating of fitting         nicstred, screwed, Shaking protection           Device material c	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         40488735648366           Packaging unit         1           Electrical data   Supply         Electrical data   Supply           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Maxex           Mouning set         M12 x 1           Device protection   Electrical         Maxex           Additional condition protection degree         inserted, screwed           Poliution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coclaing of filting           Coating I filting         nickel plated           Locking material         Zne die casting           Material screw connection         Zne die casting           Material screw connection         Inserted, screwed, Shaking protection           Envorometal characteristics   Climatic         ST 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	ECLASS-12.0	27060311
GTIN         4048879364836           Packagng unit         1           Electrical data   Supply            Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Instaliation   Connection            Mounting set         M12 x 1           Device protection   Electrical            Additional condition protection degree         inserted, screwed           Pollution Dagree         3           Rated surge voltage CG 60664-1)         1           Mechanical data   Material data            Coating ol fitting         nickeled           Coating ol fitting         nickeled           Coating of fitting         nickeled pated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic            Operating voltage Casting            Mouting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic            Operating voltage Casting	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply       0         Operating voltage AC max.       60 V         Operating voltage DC max.       60 V         Current operating per contact max.       4 A         Installation   Connection       Installation   Connection operating set         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       1.5 kV         Material group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Methanical data   Material data       Coating of fitting         Coating of fitting       mickel plated         Locking material       Zino die-caasting         Material screw connection       Zino die-caasting         Material screw connection       Zino die-caasting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Commental characteristics   Climatic         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.         Attentio	customs tariff number	85444290
Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical         Inserted, screwed           Pollution Dagree         3           Rated surge voltage         1,5 kV           Material group (166 60664-1)         1           Mechanical data   Material datal         Nickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material sore (166 60664-1)         Zinc die-casting           Material data   Mounting data         Zinc die-casting           Material data   Mounting data         Sinserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Q5 °C         Coating on cable quality           Important Installation notes         Sinserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Q5 °C         Goeding con cable quality	GTIN	4048879364836
Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Installation   Connection           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Sinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Sinc Concertion	Packaging unit	1
Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Max 1           Device protection   Electrical         M12 x 1           Device protection protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fitting           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         Compariting may and the screwed, Shaking protection           Environmental characteristics   Climatic         Qoperating temperature max.         85 °C           Additional condition temperature range         depending on cable quality         Qoperating temperature max.           Mote on strain relief         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 endangered by exce	Electrical data   Supply	
Current operating per contact max.       4 A         Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Mockeled         Coating of fitting       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 max.         Qoperating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii         Note on bending radius       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101	Operating voltage AC max.	60 V
Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Mechanical data   Material data         Interview of the screwed           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zine die-casting           Material screw connection         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Evented           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature may.         85 °C           Additional condition temperature may.         85 °C           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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cab	Operating voltage DC max.	60 V
Muturity set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         iserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Mechanical data   Material data           Coating locking         Nickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature main.           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           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.           Note on strain relief         Protect the connectors by suitable measures from mec	Current operating per contact max.	4 A
Muturity set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         iserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Mechanical data   Material data           Coating locking         Nickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature main.           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           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.           Note on strain relief         Protect the connectors by suitable measures from mec	Installation   Connection	
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data         Coating (EC 60664-1)         Mechanical data   Material data         Coating of fitting         nickel plated       Coating of fitting         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       Materinic: Observe the permissible bending radii when laying cables, 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 endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)<	Mounting set	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   Material data         Coating (EC 60664-1)         Mechanical data   Material data         Coating of fitting         nickel plated       Coating of fitting         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       Materinic: Observe the permissible bending radii when laying cables, 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 endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)<	Device protection   Electrical	
Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         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 bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Call		inserted. screwed
Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating locking       Nickeled         Coating locking       Nickeled       Coating of fitting       nickel plated         Locking material       Zinc die-casting       Material screw connection       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       Note on strain relief         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Coble       Din EN 61076-2-101 (M12)		
Material group (IEC 60664-1)       I         Mechanical data   Material data       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.         A65 °C       Additional condition temperature range         depending on cable quality       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       INEN 61076-2-101 (M12)		
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         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       -25 °C         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 endangered by excessive bending forces.         Conformity	Material group (IEC 60664-1)	
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         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       -25 °C         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 endangered by excessive bending forces.         Conformity	Mechanical data   Material data	
Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       inserted, screwed, Shaking protection         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 bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Verter Standard		Nickeled
Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       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       -25 °C         Note on strain relief       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 endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable		nickel plated
Mechanical data   Mounting data         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       Moute on strain relief         Note on strain relief       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 endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Conformity	Locking material	
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	Material screw connection	
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	Mechanical data   Mounting data	
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable	·	inserted, screwed. Shaking protection
Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)	-	
Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         DIN EN 61076-2-101 (M12)         Installation   Cable	·	-25 °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 endangered by excessive bending forces.         Conformity       Product standard         DIN EN 61076-2-101 (M12)         Installation   Cable	· · · ·	
Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         DIN EN 61076-2-101 (M12)         Installation   Cable		
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 endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable       Conformity		
Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable	•	
Note on bending radius     endangered by excessive bending forces.       Conformity     Product standard       DIN EN 61076-2-101 (M12)       Installation   Cable		
Product standard DIN EN 61076-2-101 (M12) Installation   Cable	Note on bending radius	
Installation   Cable	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)
Cable identification 330	Installation   Cable	
	Cable identification	330

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Jacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
Stranding factor min.	74 mm
Stranding factor max.	74 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	53,9 g/m
Material jacket	PVC
Shore hardness jacket	85 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 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)	70 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   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)	15 x Outer diameter

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