

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

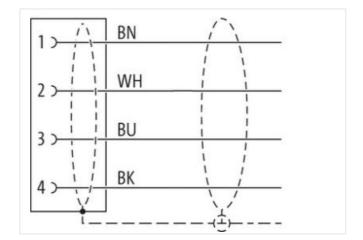
PVC 4x0.34 shielded gy 50m

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

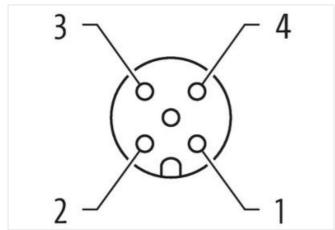
Illustration





N B

3



Product may differ from Image



Cable length

Side 1

50 m

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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0,6 Nm



Family construction form         M12           Thread         M12 T           Codig         A           Maturial         PUR           With across flas         SW13           Dargue of protocion (EN EC 0559)         PRO, FPGR, IPG7           ECLASS 6.0         22729218           ECLASS 6.0         22729218           ECLASS 6.0         22729218           ECLASS 7.0         22739218           ECLASS 8.0         22729218           ECLASS 8.0         22729218           ECLASS 8.0         22779218           ECLASS 8.0         22779218           ECLASS 8.0         22779218           ECLASS 8.1         27069011           ECLASS 8.0         2270913           ECLASS 8.0         20000311           ECLASS 9.0         20000311           ECLASS 9.0         CO000000000000000000000000000000000000	Mounting method	inserted, screwed
Cading     A       Material     PUR       Material     PUR       Width across flats     SW13       Dagree of protection (EN IE 60529)     IP65, IP66, IP67       Commercial data     27279218       ECLASS-6.0     27279219       ECLASS-6.1     27279219       ECLASS-6.0     27279219       ECLASS-6.0     27279219       ECLASS-6.0     27279219       ECLASS-6.0     27060311       ECLASS-6.0     27060311       ECLASS-7.0     27060311       ETM 6.0     Ecodologo       Grim     404807382964       Packaging unit     1       Edectrical data   Supply     Correction       Current operating objen cortaxt max.     60 V       Corrent operating oper cortaxt max.     4 A       Installion (Cornection     Instantio, screwed       Polutan Degres     3	Family construction form	M12
Material         PUI           Winth across fixts         SW13           Degree of protection (EN EC 60259)         IP65, IP66K, IP67           Commercial data         E           ECLASS 6.0         22779218           ECLASS 7.0         22779218           ECLASS 8.0         2279218           ECLASS 7.0         2279218           ECLASS 7.0         2279218           ECLASS 9.0         22790311           ECLASS 8.10.1         27090311           ECLASS 8.20         27090311           ECLASS 8.10.1         27090311           ECLASS 9.10         27090311           ECLASS 9.10         27090311           ECLASS 9.11         1           Beacking unit         1           Eectacid and 1 Supply         2           Operating voltage AC max.         60 V           Current Operating voltage AC max.         60 V	Thread	M12 x 1
Nome         SW13           Dagree of protocition (EN IEC 60529)         IP65, IP66K, IP67           Commercial dat         E           ECLASS 6.0         27279218           ECLASS 7.0         27090311           ECLASS 7.0         27090311           ECLASS 7.0         27090311           ECLASS 7.0         27090311           ECLASS 7.0         ECORISES           ecasions taff member         8644290           GTIN         404877338284           Packaging unit         1           Effection of a function         60 V           Operating voltage AC max.         60 V           Commercial conting intenstet, screwed         Poleitain Degree	Coding	A
Degree of protection (EN IEC 69528)         IP65, IP60K, IP67           Commercial data         E           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27060311           ECLASS-7.0         27060311           ECLASS-7.0         27060311           ECLASS-7.0         27060311           ECLASS-7.0         27060311           ECLASS-7.0         27060311           ECLASS-7.0         ECON855           ocations taiff number         85444290           GTM         404867282694           Packaging unit         1           Effectical data [Suppty            Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Carrent operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Carrent operating voltage AC max.         60 V           Carrent operating voltage AC max.         60 V           Carent operating voltage AC max.         60 V <td>Material</td> <td>PUR</td>	Material	PUR
Commercial data           ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 8.0.         27279218           ECLASS 8.0.         27279218           ECLASS 8.0.         27279218           ECLASS 8.0.         27060311           ECLASS 10.1         27060311           ECLASS 10.1         27060311           ECLASS 10.1         27060311           ECLASS 10.0         ECO01805           oastoms taff number         8544280           GTM         4048873828984           Packaging unit         1           Electrical data Suppy         Concentor           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Monting set           Molting set         M12 x 1           Device protection   Electrical         Start           Addional condition protection degree         18           Patient ongree         3           Relade surge voltage         1.5 k/V           Material groep (EC 60064-1)         1           Meterial groep (EC 60064-1)         1           Meterial gro	Width across flats	SW13
ECLASS 6.0         27278218           ECLASS 6.1         27278218           ECLASS 7.0         27278218           ECLASS 7.0         2729218           ECLASS 7.0         2729218           ECLASS 7.0         2700311           ECLASS 7.0         2700301           Cuatom staff number         60 V           Oparaing volage AC max.         60 V           Oparaing volage AC max.         60 V           Oparaing volage AC max.         60 V           Staffaction (Eclection)         Inserted, sorewed           Polition (Connect	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS 6.1         27279218           ECLASS 6.0         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27060311           ECLASS 7.0         ECON856           customs tariff number         8544200           GTIM         404887938284           Packarjng rult         1           Electrical data [Supply         Operating voltage AC max.           Ov         0           Current operating one contact max.         4 A           Installation Connection         Max 1           Device protection [Electrical         Additiona condition protection May           Additiona condition protection degree         3           Pacitar stan	Commercial data	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETM-5.0         EC001855           outstms tairfinumber         68/44290           GTIN         4048879382964           Packaging unit         1           Electrical data [Supply         Coperating voltage AC max.           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation I Connection         Mounting act           Material group (EC 06041)         Installation I Connection           Packaging voltage Context max.         4 A           Device protection   Electrical         Additional condition protection dagree           Additional condition protection dagree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material data   Material data	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.0         EC001655           cualoms tardfir number         85444290           GTN         4048979329844           Packaging unit         1           Etercical data [Suppy         Derating voltage AC max.           Operating voltage AC max.         60 V           Operat	ECLASS-6.1	27279218
ECLASS-9.0         27660311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETM-5.0         EC001885           outsoms taiff number         8644290           GTM         4048870382984           Packaging unit         1           Electrical dial Supply         Commental per contact max.           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Inserted. screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Material group (EC 6068-1)         1           Mochanical data   Material data         Zinc die-casting           Material screw connection         Zinc die-casting           Material group (EC 6068-1)         1           Mochanical data   Mounting data         Zinc die-casting           Material screw connection         Zinc die-casting           Material screav connection         <	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-1.0         27060311           ECLASS-1.0         27060311           ECLASS-1.0         27060311           ETM-S.0         EC001855           customs tariff number         85444290           GTIN         4048973382934           Packaging unit         1           Electrical data [Supply	ECLASS-8.0	27279218
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     EC001655       customs tariff number     8544280       GTIN     40488793894       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Current operating per contact max.     4 A       Installation   Connection     Mounting set       Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     iserted, screwed       Politic to Electrical       Additional condition protection degree     3       Rated surge voltage     1,5 kV       Material group (E6 6064-1)     1       Vechanical data   Material data     Zinc die-casting       Material group (E6 6064-1)     1       Locking material     Zinc die-casting       Material screw connection     Zin die-casting       Material screw connection     Zin die-casting       Material core/ installation notes     Operating temporature min.       -25 °G     Operating temporature mi	ECLASS-9.0	27060311
ECLASS-12.0       27060311         ETIM-S.0       EC001855         outsions tariff number       85444290         GTIN       4048879382844         Packaging unit       1         Electrical data [Supply       Coperating voltage AC max.       60 V         Operating voltage AC max.       60 V       Coperating voltage AC max.       60 V         Operating rotinge AC max.       60 V       Common AC max       4 A         Installation   Connection       Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree       3         Pollution Degree       3       Reade surge voltage       1.5 kV         Material group (IEC 60664-1)       1       I       Mechanical data   Material data         Coating locking       Nickeled       Coating locking       Coating locking         Coating locking       Nickeled       Coating locking       Coating locking         Material group (IEC 60664-1)       1       Inserted, screwed, Shaking protection         Coating of fitting       nickel plated       Icoking       Coating locking         Coating of fitting       nickel plated       Icoking       Coating locking       Coating locking         Mounting method       inserted, screwed,	ECLASS-10.1	27060311
ETIM-5.0       EC001885         customs tariff number       85444290         GTIN       4048873382964         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       60 V         Current operating per contact max.       61 V         Bovice protection   Electrical       Mathins a contains per contact max.         Additional condition protection degree       inserted, screwed         Politain Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material state       Locidage stating         Mechanical data   Mounting data       Inserted,	ECLASS-11.1	27060311
automs tariff number     85444290       GTIN     4048879382894       Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     60 V       Operating voltage DC max.     60 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     Instruction   Electrical       Additional condition protection degree     3       Rated surge voltage     3       Rated surge voltage     3       Rated surge voltage     1.5 kV       Material group (IEC 60664-1)     1       Vechanical data   Material data     Coating locking       Nickeled     Coating locking       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking and the protection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Si Co       Operating temperature min.     -25 °C       Operating temperature max.     65	ECLASS-12.0	27060311
GTIN       4048873382984         Packaging unit       1         Electrical data   Supply       Operating voltage AC max.       60 V         Operating voltage DC max.       60 V         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 (EC 60684-1)       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       Operating lemperature max.         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 sefinin realing	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply       Operating voltage AC max.       60 V         Operating voltage DC max.       60 V         Current operating per contact max.       4 A         Installation   Connection       Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Rated surge voltage       1,5 kV         Material group (EC 60684-1)       1         Mechanical data   Material data       Coating of thing         Coating of thing       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Go         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 strial relief       Protect the connectors by suitable measures f	customs tariff number	85444290
Electrical data   Supply         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       Additional condition protection degree         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         Mechnical 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         Mutring method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Addition condition temperature range       depending on cable quality         Important Installation notes       Note on bending radius         Note on bending radius	GTIN	4048879382984
Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Max           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         1.5 kV           Material group (IEC 60684-1)         1           Mechanical data   Material data         Coating of fitting           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material group (IEC 60684-1)         Zinc die-casting           Material group (IEC 60684-1)         I           Mechanical data   Mounting data         Zinc die-casting           Material group (IEC 60684-1)         Zinc die-casting           Material group connection         Zinc die-casting           Material group connection         Zinc die-casting           Material group connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristis   Climatic         Operating temperature min.	Packaging unit	1
Operating voltage DC max.       60 V         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       Image: Control of the control of	Electrical data   Supply	
Operating voltage DC max.       60 V         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       Image: Control of the control of	Operating voltage AC max.	60 V
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       Coating of fitting         Coating of fitting       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max, 85 °C         Operating 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.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Contornity       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)		60 V
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       Coating of fitting         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 min.      <		4 A
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       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       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       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 fies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.       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.       Contormity     Product standard     DIN EN 61076-2-101 (M12)	Installation   Connection	
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   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.           Abit on al 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.           Contornity         Product standard         DIN EN 61076-2-101 (M12)           Instal		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 locking         Coating locking       Nickeld         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       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 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)		
Pollution Degree       3         Rated surge voltage       1,5 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       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       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       Cable		incerted 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       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       DIN EN 61076-2-101 (M12)		
Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating locking       Nickeled         Coating locking       nickel plated       Locking material       Zinc die-casting         Material screw connection       Zinc die-casting       Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method       inserted, screwed, Shaking protection       Environmental characteristics   Climatic         Operating temperature min.       -25 °C       Operating temperature max.       85 °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       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)		
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       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       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 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       Operating temperature min.         -25 °C       Operating temperature max.         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         Installation   Cable       DIN EN 61076-2-101 (M12)		
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       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       Vector Cable		Niekolod
Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       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.         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		
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.         -25 °C       Operating temperature max.         0perating 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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable		
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 endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Standard		
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Conformity     endangered by excessive bending forces.       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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)	
benuing radius (lixed)	5 x Outer diameter

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