

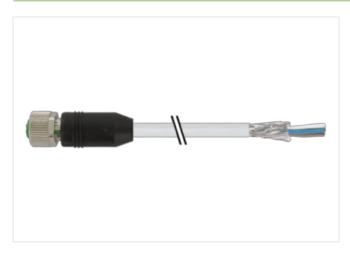
## M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy 60m

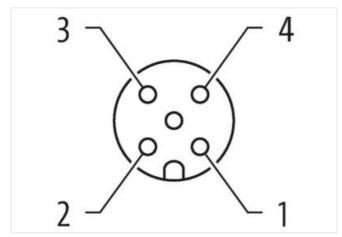
Female straight M12, 4-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

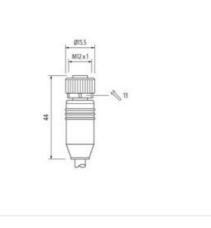
## Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

60 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           Material         PUR           With accoss flats         SW13           Degree of protection (EN EC 60529)         PB6, IP667, IP67           Commercial dats         SW13           ECLASS 6.0         9279216           ECLASS 7.0         22727218           ECLASS 7.0         27279216           ECLASS 7.0         272600311           ECLASS 7.0         27060311           ECLASS 7.0         ECO01985           Coutions lanfl mumber         85442290           GTIN         4048879556651           Packaging unit         1           Electrical data [Supply         Courient operating per contact max.           Oparating voltage AC max.         60 V           Oparating voltage CG max.         60 V           Oparating voltage DC max.         60 V           Oparating voltage DC max.         60 V           Oparating voltage DC max.         60 V           Cotaring t	Mounting method	inserted, screwed
CadingAMaterialPURWith across fatsSW13Degree of protection (EN EC 0529)UPS, UPS(, UPS7Commercial data2727218ECLASS 6.027272718ECLASS 7.02727218ECLASS 7.02727218ECLASS 7.02727218ECLASS 7.02727218ECLASS 7.02727218ECLASS 7.02727218ECLASS 7.02727218ECLASS 7.02727218ECLASS 7.02727218ECLASS 7.12706031ECLASS 7.12706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22707218ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECLASS 7.22706031ECHASS 6.32706031ECHASS 6.32706031ECHASS 7.527020Orang on the State Sta	Family construction form	M12
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With access fails         With 3           Degree of protection (EN IEC 6029)         IP65, IP66K, IP67           Commercial dista         E           ECLASS 6.0         27278718           ECLASS 6.1         27278718           ECLASS 7.0         27090011           ECLASS 7.0         27090011           ECLASS 7.1         02000185           ECLASS 7.1         040837555651           Derkaging village         00 V           Carrert operating village CAR max.         60 V           Carrert operating village CAR max.         60 V	Coding	A
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         E           ECLASS 6.0         27279218           ECLASS 6.1         22279218           ECLASS 6.0         27279218           ECLASS 6.0         27279218           ECLASS 8.0         27279218           ECLASS 8.1         27060311           ECLASS 8.1         27060311           ECLASS 8.12.0         27060311           ECLASS 8.12.0         27060311           ECLASS 8.12.0         27060311           ECLASS 8.0         ECOMBS           cuatoms stml number         65.444290           GTIN         404897955661           Packaging unit         1           Electrical data [Supply         C           Operating voltage DC max.         60 V           Current operating notitage of max.         4.1           Electrical         Installation (Combetin           Electrical data [Supply         Installation (Combetin           Electrical data [Supply ingree         3	Material	PUR
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ECLASS 6.0         27278218           ECLASS 5.1         27278218           ECLASS 5.0         27278218           ECLASS 5.0         27278218           ECLASS 5.0         27278218           ECLASS 5.0         27060311           ECLASS 5.10.1         27060311           ECLASS 5.10.1         27060311           ECLASS 5.10.1         27060311           ECLASS 5.10         27060311           CLASS 5.20         27060311           Electracidata [Suppy]         Operating voltage AC max.           Operating voltage AC max.         60 V           Additional contition protection dige         isoreted, screwed           Publ	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27792916           ECLASS-8.0         27792916           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         2706055           customs tatiff number         8544280           Carrent operating participe and the statiff number         8544280           Carrent operating participe and the statiff number         8544280           Carrent operating participe and the statiff number         80 V           Operating voltage AC max.         60 V           Operating voltage CC max.         60 V           Operating voltage CC max.         60 V           Operating voltage AC max.         60 V           Operating voltage CC max.	Commercial data	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-5.0.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.2         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           COLASS-12.0         27060311           ECLASS-12.0         27060311           COLASS-12.0         27060311           COLASS-12.0         27060311           ECLASS-12.0         27060311           COLASS-12.0         27060311           COLASS-12.0         27060311           Packaging unit         1           Electrical data [Suppiv         Colorentamas           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Installation Connecoton         Installation Connecoton           Molition Degree         3           Rated surge voltage         1.5 kV           Material group (EC 60664-1)         1           Mochanical data [Mount	ECLASS-6.0	27279218
ECI.ASS 8.0         27278218           ECI.ASS 9.0         27060311           ECI.ASS 9.0         27060311           ECI.ASS 9.0         27060311           ECI.ASS 9.1         27060311           ECI.ASS 9.2.0         27060311           ECI.ASS 9.1.1         27060311           ECI.ASS 9.1.2.0         27060311           ECI.ASS 9.1.5         ECO10555           catoms tailf number         8544230           Cataons tailf number         80 V           Cataons tailf number         80 V           Cataons tailf number         80 V           Cataons tailf numper         12 x 1           Device protection   Electrical         12 x 1           Device protection lenceton         12 x 1           Material group (ECe 6064-1)         1           Material scope (ECe 6064-1)         1           Material scope (ECe 6064-1)         1           Material scope (ECe 60664-1)<	ECLASS-6.1	27279218
EQLASS 9.0         27060311           EQLASS 9.0.1         27060311           EQLASS 9.1.0         EX00 855           ecotors tarfi mumber         8544290           GTIN         404873656651           Packaging unit         1           Electrical data   Supply         Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Maring apple (Electrical         A           Additional condition protection   Blectrical         A           Material apple (Electrical         A           Additional condition protection elegree         3           Rated surge voltage         1.5 kV           Material goue (Electrical data   Material data         Cating of fitting           Cating of fitting         Nickeled           Coating of fitting         Nickeled           Coating o	ECLASS-7.0	27279218
EQLASS-10.1         27060311           EQLASS.20         27060311           EQLASS.20         27060311           ETIM 5.0         EC001855           customs tarff number         85444290           GTIN         404897955661           Packaging unit         1           Electrical data [ Supply            Operating voltage AC max.         60 V           Operating voltage DC max.         18 V           Additional condition protection degree         18 V	ECLASS-8.0	27279218
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           Castoms tariff number         85444290           Castoms tariff number         85444290           GTIN         4048978556651           Packaging unit         1           Electrical data [Supply         Electrical data [Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per constat max.         4 A           Installation [Connection         Installation [Connection]           Mouning set         M12 x 1           Device protection [Electrical         Instruet, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Zinc die-casting           Coating loching         Nickeld           Coating loching         Nickeld           Coating of Hiting         rickel plated           Locking mathral         Inserted, screwed, Shaking protection           Metrial group (IEC 6	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETMA.6.0         EC001855           ecitoms taiff number         85444290           GTIN         4048879556651           Packaging unt         1           Electrical data [Supply         Coperating voltage AC max.           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Mouning set           Mathematical condition protectical         M12 x 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         instrad. screwed           Politation protection (EC 60664-1)         1           Material group (EC 60664-1)         1           Methanical data   Material data         Cocating loching           Coating loching         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Methanical data   Mounting dat         Sreade auge voltage           Methanical data   Mounting dat         Sreade-casting           Methanical data   Mounting dat         Sreade-casting           Methanical data   Mounting dat         Sreade-casting </td <td>ECLASS-10.1</td> <td>27060311</td>	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tariff number         85444290           OTIM         4048873556651           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         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         I           Mechanical data   Material data            Coating locking         Nickaled           Coating of fitting         nickal plated           Locking material         Zine die-casting           Material screw connection         Zine die-casting     <	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         4048878556651           Packaging unit         1           Electrical data [Supply         GP           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Max           Mourting set         M12 x 1           Device protection   Electrical         Max           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         Cacle casting           Material group (IEC 60664-1)         1           Mechanical data   Material data         Znc die casting           Material screw connection         Znc die casting           Material screw connection         Inserted, screwed, Shaking protection           Methanical data   Mourting data         Inserted, screwed, Shaking protection           Mounting data         Inserted, screwed, Shaking protection           Mounting data         S ° C           Operating temperature max.         85 ° C	ECLASS-12.0	27060311
GTIN         4048879556851           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            Mounting set         M12 x 1           Device protection   Electrical            Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage CG 66664-1)         1           Mechanical data   Material data            Coating ol fitting         nickeled           Coating ol fitting         nickeled           Coating ol fitting         nickeled plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Envoromential 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 lo	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 Geree         Mounting set       M12 x 1         Device protection   Electrical       Instruction operating operating and	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         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Methanical data   Material data         Inserted, screwed           Coating of tiling         nickeled           Coating of tiling         nickeled           Coating olicing         nickeled           Coating of tiling         nickele plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmetial characteristics   Climatic         Coating of tiling on cable quality           Imperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         65 °G	GTIN	4048879556651
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         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         Keleed           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Ser G           Additional condition tempera	Packaging unit	1
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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 datal Material data         Mechanical datal Material data           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         Coating of temperature min.           Qerating 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 strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. <td< td=""><td>Operating voltage DC max.</td><td>60 V</td></td<>	Operating voltage DC max.	60 V
Mounting 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         Material group (IEC 60664-1)           Coating locking         Nickeled           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 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 mechanical loads	Current operating per contact max.	4 A
Mounting 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         Material group (IEC 60664-1)           Coating locking         Nickeled           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 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 mechanical loads	Installation   Connection	
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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 (CE 60664-1)         Mechanical data   Material data         Coating of fitting         oating 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       Materion: 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) <td>Device protection   Electrical</td> <td></td>	Device protection   Electrical	
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Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating locking       Nickeled         Coating locking       nickel plated       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       Coale       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.         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       Visco (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.         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)	Material group (IEC 60664-1)	
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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 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		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)		
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.       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.         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable		
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       mote 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	Material screw connection	
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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       Mote 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	-	······································
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Note on bending radius     endangered by excessive bending forces.       Conformity     Product standard       DIN EN 61076-2-101 (M12)       Installation   Cable	Note on strain relief	
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 331	Installation   Cable	
	Cable identification	331

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Jacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Traversing distance (C-track)	5 m @ 25 °C
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	85 ± 5 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-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)	350 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)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° ℃
Operating temperature min. (dynamic)	-5 ℃
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 (installation)	x Outer diameter
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	0,1 Mio. @ 25 °C

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