

## M12 male 0° A-cod. / MSUD valve plug BI-11mm

PUR 3x0.75 bk UL/CSA 1.5m

MSUD

Form BI (11 mm) - M12, male straight

24 V AC ±20% / DC ±25%

LED and suppression

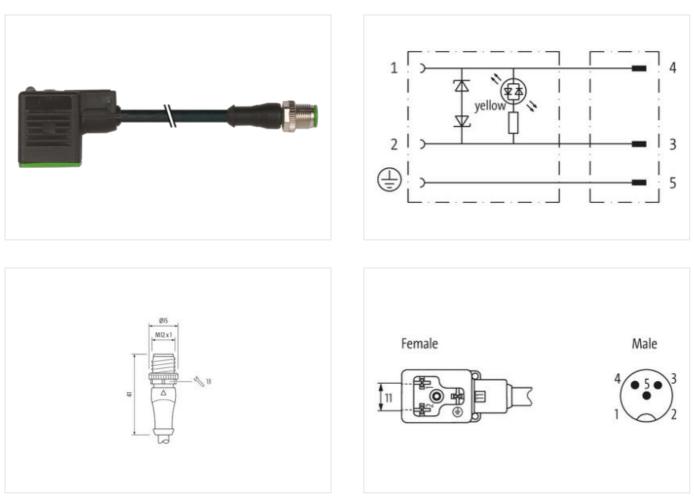
Further cable lengths on request.

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.

## Link to Product









Product may differ from Image



Cable length	1,5 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	MSUD
Thread	M3
No. of poles	3
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879148849
Packaging unit	1
Electrical data	
Capacity CX	20 ms

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03

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Operating voltage AC max.19.2 VOperating voltage DC max.28.8 VOperating voltage DC max.28.4 VOperating voltage DC max.30 VClinef peratoge voltage max.35 VCurrent operatoge voltage max.55 VCurrent operatoge voltage max.4 ADescription voltage voltage max.55 VContront operatoge voltage max.4 ADescription voltage voltage max.55 VContront operatoge voltage max.54 VDescription voltage voltage max.54 VDescription voltage voltage max.54 VAdditional condition protection diagreeinsertide, screwedPolution Diagree0.8 VMechanical data   Material dataVoltage voltage v	Operating voltage AC	24 V
Operating veilage DC         24 V           Operating veilage DC max.         30 V           Gar of gear and per contact max.         55 V           Carront operating per contact max.         4 A           Diagnostics         Status indication LED         yolkw           Device oprection [Electrical         Additional condition protection degree         inserted, screwed           Polution Degree         3         Restain stress of the screwed           Additional condition protection degree         3         Restain screwed           Relational condition protection degree         3         Restain screwed           Additional condition protection degree         3         Restain screwed           Every entered to a screwed         Back         Restain screwed           Every entered to a screwed         Inserted, screwed         Restain screwed           Every entered to a screwed         Every entered to a screwed         Restain screwed           Every entered to screwed         Inserted, screwed         Restain screwed           Every entered to screwed         Restain screwed         Restain screwed           Every entered to screwed         Restain screwed         Restain screwed           Every entered to screwed         Restain screwed         Restain screwed           Every entered	Operating voltage AC min.	19,2 V
Operating voltage DC min.         18 Y           Operating voltage DC min.         30 V           Current previous voltage max.         55 V           Current operating per contact max.         4 A           Descention         Status indication LED         yellow           Device protection   Electrical         Additional condition protection degree         issented, screwed           Pullution Degree         3         Rated surge voltage         0.8 NV           Mechanical data   Miterial data         Color housing         back         Material housing         Pasato           Mechanical data   Muniting data         Mesato         Mechanical data   Muniting data         Mesato           Mounting method         inserted, screwed         Pullus Degree         Gor housing         Mesato           Mounting method         inserted, screwed         Pullus Degree         Gor housing         Mesato           Mounting method         inserted, screwed         Pullus Degree         Gor Comparing temperature max.         Ref C           Operating temperature max.         Ref C         Commethod Descreteristics   Climatic         Commethod Descreteristics   Climatic           View of the instant method         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.         Additional condition temperature max.	Operating voltage AC max.	28,8 V
Operating voltage DC max.         90 V           Call off peak voltage max.         65 V           Contront operating per contract max.         4 A           Diagnostics         Status indication LED         yellow           Device protection [Electrical         Mathematical status indication protection degree         inserted, screwed           Pollution begree         3         Read surge voltage         0.8 kV           Meterial notaing         black         Material notaing         Pollution Degree         3           Read surge voltage         0.8 kV         Material notaing         Pollution Degree         3           Read surge voltage         0.8 kV         Material notaing         Pollution Degree         3           Material notaing         Plassic         Pollution Screece         Pollution Polyce Protection Degree         3           Material notaing         Plassic         Plassic         Pollution Polyce Protection Degree Polyce	Operating voltage DC	24 V
Cal-of pask voltage max.     55 Y       Current operating per contact max.     4 A       Diagnostics     Status indication LED     yellow       Device protection   Electrical     Addinonal condition protection degree     inserted, screwed       Publicion protection degree     0.8 kV       Mechanical data I Material data     Beak       Mechanical data I Material data     Beak       Mechanical data I Mauring data     Patatic       Mechanical data I Mauring data     Patatic       Mechanical data I Mauring data     Screwed       Operating temperature min.     25 °C       Operating temperature min.     26 °C       Defact tation feed     Protect the connectors by su	Operating voltage DC min.	18 V
Current operating per contact max.         4 A           Disposite         Status indication LED         yellow           Device predection [Electrical         Insantod, sorowed         Palutation Degree         3           Rated surge vortage         0,9 kV         Related surge vortage         0,9 kV           Mechanical data [Material data         Color housing         Black         Mechanical data [Material data           Color housing         Data/s         Relation up overlage         0,9 kV           Mechanical data [Mounting data         Inserted, sorowed         Relation up overlage         0,9 kV           Mechanical data [Mounting data         Inserted, sorowed         Relation up overlage         0,9 kV           Mounting method         inserted, sorowed         Relation up overlage         0,9 kV           Operating temporature min.         25 °C         Operating temporature max.         85 °C           Additional condition temporature max.         85 °C         Operating temporature max.         85 °C           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Additional condition tomporature max.         B2 °C         Addition all ondition for all data individition for all data individition for all data individition for all data indinditin for all data individition for all data indinditin	Operating voltage DC max.	30 V
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Status indication LED         yellow           Device protection   Electrical	Current operating per contact max.	4 A
Device protection Electrical           Addition protection degree         inserted, screwed           Pollution Degree         3           Rated surge votage         0.8 kV           Rechanical data   Material data         Color housing           Material housing         Plastic           Material housing         Plastic           Mechanical data   Mounting data         Inserted, screwed           Environmental characteristics   Climatic         25 °C           Operating interpretature max.         85 °C           Additional condition temperature max.         45 °C           Note on strain railef         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on strain railef         Protect the connectors by suitable measures from technical loads, e.g. by the suitable for technico: Cosense we bedrein gradit when saying cables, as the IP protection class can be ending gradit by the indislation techosen bedrein gradit by the individual techosen bedr	Diagnostics	
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Mechanical data [Material data         Exclusion           Mechanical data [Material data         Black           Color housing         black           Material housing         Pastic           Mechanical data [Mounting data         Inserted, screwed           Environmental characteristics [Climatic         inserted, screwed           Environmental characteristics [Climatic         5° C           Operating temperature min.         -25 °C           Operatin temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Importan installation notes         Exercises beending radii when skying cables, as the IP protection class can be endargered by excessive beending radii when skying cables, as the IP protection class can be endargered by excessive beending radii when skying cables, as the IP protection class can be endargered by excessive beending radii when skying cables, as the IP protection class can be endargered by excessive beending radii when skying cables, as the IP protection class can be endargered by excessive beending radii when skying cables, as the IP protection class can be endargered by excessive beending radii when skying cables, as the IP protection class can be endargered by excessive beending radii when skying cables, as the IP protection class can be endargered by excessive beending radii when skying	Status indication LED	yellow
Pollution Degree         3           Rated surge voltage         0.8 kV           Mechanical data   Material data         Color housing         black           Material housing         Plastic         Mechanical data   Mounting data           Mounting mathed housing         Plastic         Mechanical data   Mounting data           Mounting mathed         inserted, screwed         Environmental characteristics   Climatic           Operating temperature min.         25 °C         Operating temperature may.         85 °C           Additional condition temperature range         depending on cable quality         Important insiallation notes         Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.           Note on strain relief         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)           Instaltation   Cable         Z           Cable for loader         Diack           Type of Cartficate         QURus           Adventification         S26           Cable for loader         Diack           Type of	Device protection   Electrical	
Rated surge voltage         0.8 kV           Mechanical data   Material data         Edited surge voltage           Color housing         black           Material housing         Plastic           Material housing         Plastic           Material housing         Plastic           Material housing         Plastic           Mechanical data   Mounting data         inserted, screwed           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         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on sharin relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Coformity         Eastical clientification         626           Cable rope         2         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Cable rope         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)         Install           Installion Cable         Diak Structure         Cable rope         2           Printi	Additional condition protection degree	inserted, screwed
Mechanical data   Material data           Color housing         black           Material housing         Pastic           Mechanical data   Mounting method         inserted, screwed           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Addional condition temperature range         depending on cable quality           Important installation notes         85 °C         Addional condition temperature range         depending on cable quality           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Nate on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Concremity         Installation         Concremity           Product standard         Do to for 2-2101 (M12); DIN EN 175301-803 (Ventilstecker)           Installation         626         Cable Type           Cable dentilization         626         Cable dentilization           Color Condition         Write (solation black)         Jacket Color           Loads dentilization         108 dentilization         Cable dentilization           Cable dentilization         5 m @ 25 °C   honizontal         Cable dentissi           Cable dent	Pollution Degree	3
Mechanical data   Material data           Color housing         black           Material housing         Pastic           Mechanical data   Mounting method         inserted, screwed           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Addional condition temperature range         depending on cable quality           Important installation notes         85 °C         Addional condition temperature range         depending on cable quality           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Nate on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Concremity         Installation         Concremity           Product standard         Do to for 2-2101 (M12); DIN EN 175301-803 (Ventilstecker)           Installation         626         Cable Type           Cable dentilization         626         Cable dentilization           Color Condition         Write (solation black)         Jacket Color           Loads dentilization         108 dentilization         Cable dentilization           Cable dentilization         5 m @ 25 °C   honizontal         Cable dentissi           Cable dent	Rated surge voltage	0,8 kV
Color housing         black           Material housing         Plastic           Mechanical data   Mounting data         inserted, screwed           Environmental characteristics   Climatu         Commental characteristics   Climatu           Operating temperature main.         -25 °C           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 tise.           Note on bending radius         Attention: Observe the permissible bending radi when laying cables, as the IP protection dass can be emaingered by excessive bending forces.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tise.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection dass can be emaingered by excessive bending forces.           Conformity         Protect standard         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)           Installation Cable         Cable dentification         626           Cable identification         626         Cable ventils           Joacket Color         black         Din EN 50 °C [Indization ILC <td< td=""><td></td><td></td></td<>		
Material housing         Plastic           Mechanical data   Mounting data         inserted, screwed           Environmental characteristics   Climatic         Coperating temperature min.         28 ° C           Operating temperature min.         28 ° C         Coperating temperature min.         28 ° 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 lies.           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); DIN EN 175301-803 (Ventilstecker)           Installation   Cable         Cable identification         626           Cable identification         626         Cable identification           Jacket Color         black         Diack           Type of Certificate         c.URus         Amount stranding           Amount stranding         1         Stranding           Stranding         3 wires twisted         Stranding           Wire arangement         black 1, black 2, green-yellow         Cable weight           Traversing distance (C-track)	·	black
Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic         Concommental characteristics   Climatic           Operating temperature man.         85 °C           Additional condition temperature man.         85 °C           Additional condition temperature man.         85 °C           Additional condition temperature man.         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 bending radius         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Cable of conting         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)           Cable identification         626           Cable identification         626           Cable identification         white (isolation black)           Jacket Colro         black           Type of Contificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arangement         black 1, black 2, green yellow           Traversing distance (C-track		
Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature may         depending on cable quality           Important installation notes         Material characteristics   Climatic           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); DIN EN 175301-803 (Ventilstecker)           Installation   Cable         Eable identification           Cable Type         2           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Carificata         cURus           Amount stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Traversing distance (C4-rack)         5 m @ 25 °C   horizontal           Cable weigth         55,33 g/m           Taversing distance (C4-rack)         5.9 mi </td <td></td> <td>Piasiic</td>		Piasiic
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 strint relief           Note on strint relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strint relief         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product strandard           Product strandard         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)           Installation   Cable         Cable identification           Cable identification         626           Cable identification         626           Cable identificate         cURus           Amount stranding         1           Stranding         1           Write arrangement         black 1, black 2, green-yellow           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Cable weight         55.33 grin           Atterial jacket         PUR           Shore A         Freedom from ingredients (acket)           Freedom from ingredients	Mechanical data   Mounting data	
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Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Mote 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); DIN EN 175301-803 (Ventilstecker)           Installation   Cable         Cable for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Additional color of the connectors of the connector of the connector of the connectors of the connector of the connectore insu	Environmental characteristics   Climatic	
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 torces.           Conformity         Product standard         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)           Installation   Cable         Cable Type         2           Cable (dentification         626         Cable Type           Zaket Color         black         URUs           Amount stranding         1         Stranding           Stranding         3 wires twisted         wire arrangement           Ublack 1, black 2, green-yellow         Traversing distance (C-track)         5 m @ 25 °C   horizontal           Cable weight         55,33 g/m         Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A         Freedom from ingredients ((acket))         Ead-free, cadmium-free, CFC-free, silicone-free           Outer diameter (jacket)         5,9 mm         Tolerance outer diameter (sheath)         4 5 %           Mat	Operating temperature min.	-25 °C
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); DIN EN 175301-803 (Ventilstecker)           Installation I Cable         Cable identification           Cable identification         626           Cable Type         2           Printing color of wire insulation         while (solation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Cable weigh         55.33 g/m           Material jacket         PUR           Shore hardmess jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer diameter (gacket)         5.9 mm           Tolerance outer diameter (sheath) </td <td>Operating temperature max.</td> <td>85 °C</td>	Operating 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 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); DIN EN 175301-803 (Ventilstecker)           Installation   Cable         Cable identification         626           Cable of or dive insulation         white (isolation black)         Cable Type         2           Printing color of wire insulation         white (isolation black)         Cable Color         black           Type of Certificate         c.URus         Color         black         Color           Irradersing distance (C-track)         5 m @ 25 °C   horizontal         Color         black 1, black 2, green-yellow           Traversing distance (C-track)         5 m @ 25 °C   horizontal         Color         Back 1, black 2, green-yellow           Shore hardness jacket         85 ± 5 Shore A         Freedom from ingredients (jacket)         PUR           Shore hardness jacket         85 ± 5 Shore A         Freedom from ingredients (jacket)         Seg mm           Tolerance outer diameter (sheath)         ± 5 %         Material inner jacket         PVC           Material inner jacket         PVC     <	Additional condition temperature range	depending on cable quality
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); DIN EN 175301-803 (Ventilstecker)           Installation   Cable         Cable identification         626           Cable of or dive insulation         white (isolation black)         Cable Type         2           Printing color of wire insulation         white (isolation black)         Cable Color         black           Type of Certificate         c.URus         Color         black         Color           Irradersing distance (C-track)         5 m @ 25 °C   horizontal         Color         black 1, black 2, green-yellow           Traversing distance (C-track)         5 m @ 25 °C   horizontal         Color         Back 1, black 2, green-yellow           Shore hardness jacket         85 ± 5 Shore A         Freedom from ingredients (jacket)         PUR           Shore hardness jacket         85 ± 5 Shore A         Freedom from ingredients (jacket)         Seg mm           Tolerance outer diameter (sheath)         ± 5 %         Material inner jacket         PVC           Material inner jacket         PVC     <	Important installation notes	
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); DIN EN 175301-803 (Ventilstecker)           Installation   Cable         Cable identification         626           Cable Itype         2           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Cable weigth         55,33 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         5.9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Material wire insulation         PVC           Material wire insulation         1.8 mm           Outer diameter tolerance core insulation         1.8 mm	•	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties
Conformity           Product standard         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)           Installation   Cable           Cable identification         626           Cable IType         2           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Cable weigth         55.33 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         1.ead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Material inner jacket         PVC           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.8 mm           Outer diameter insulation         1.8 mm		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standardDIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)Installation   CableCable identification626Cable identification626Cable Type2Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)5 m @ 25 °C   horizontalCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Conformity	
Installation   CableCable identification626Cable Type2Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)5 m @ 25 °C   horizontalCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (sheath)± 5 %Material inner jacketPVCAmount wires3Outer diameter insulation1.8 mmOuter diameter tolerance core insulation1.8 mmOuter diameter tolerance core insulation1.8 mmOuter diameter tolerance core insulation1.8 mm		DIN EN 61076 2 101 (M12): DIN EN 175301 803 (Ventiletecker)
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Tolerance outer diameter (sheath)       ± 5 %         Material inner jacket       PVC         Material wire insulation       PVC         Amount wires       3         Outer diameter insulation       1,8 mm         Outer diameter tolerance core insulation       ± 5 %		
Material inner jacket     PVC       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1,8 mm       Outer diameter tolerance core insulation     ± 5 %		·
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Outer diameter insulation     1,8 mm       Outer diameter tolerance core insulation     ± 5 %		
Outer diameter tolerance core insulation     ± 5 %		
	Outer diameter insulation	1,8 mm
	Outer diameter tolerance core insulation	
Shore hardness wire insulation     43 ± 5 Shore D	Shore hardness wire insulation	43 ± 5 Shore D

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° C
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C

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