

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

PUR 3x0.75 bk UL/CSA 20m

**MSUD** 

Form BI (11 mm) - M12, male straight 24 V AC  $\pm 20\%$  / DC  $\pm 25\%$ 

LED and suppression

Further cable lengths on request.

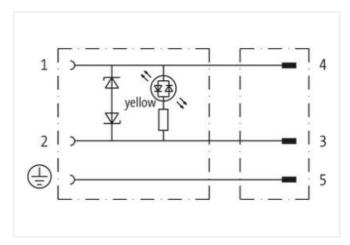
Plastic housings with good resistance against chemicals and oils.

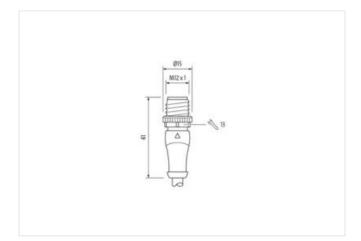
The resistance to aggressive media should be individually tested for your application. Further details on request.

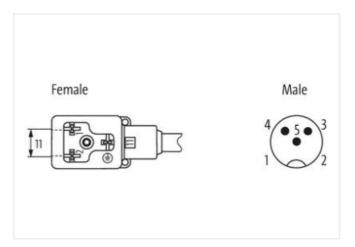
## **Link to Product**

## Illustration



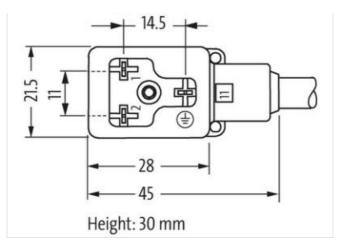








stay connected



Product may differ from Image



Cable length	20 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 Ø)	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	4048879366724
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data   Supply	



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Operating voltage AC max. 28.8 V Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V Current operating per contact max. 4 A  Diagnostics Status indication LED yellow  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage at Material data  Color housing black Material housing Plastic  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C	Operating voltage AC	24 V
Operating voltage DC Om         24 Y           Operating voltage DC min.         18 V           Operating voltage DC max.         55 V           Cut-off peak voltage max.         55 V           Cut-off peak voltage max.         4 A           Plagnostics         Status indication LED         yellow           Device protection [Electrical         Device protection [Electrical           Additional condition protection degree         inserted, screwed           Problem Degree         3           Railed surge voltage         0.8 kV           Mechanical data [Mounting data         Markenial Procuring           Mechanical data [Mounting data         Markenial Procuring the proper procure max.           Mechanical data [Mounting data         Inserted, screwed           Environmental characteristics [Climatic         Operating temperature max.           Operating temperature max.         85 °C           Additional condition temperature range depending on cable quality         Operating temperature max.           Note on sharing status         85 °C           Additional condition temperature range depending on cable quality           Important installation observable standard         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of nable ties.           Note on sharing freature         Protect the c	Operating voltage AC min.	19,2 V
Operating voltage DC min 18 V Operating voltage DC max 30 V Out-off peak voltage max 55 V Gurret operating per contact max 4 A  Device praining per contact max 4 A  Device protection   Electrical  Additional condition protection degree	Operating voltage AC max.	28,8 V
Operating voltage DC max. 55 V  Current operating per contact max. 4 A   Diagnostics  Status indication LED yellow  Davice protection [Electrical  Additional condition protection degree  Pollution Degree  3	Operating voltage DC	24 V
Current operating per contact max.         5 Y           Displacements         4 A           Displacements         Verbillow           Displacements         Verbillow           Divice protection (Electrical         Verbillow           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Raided augno voltage         0.8 kV           Michanical data (Martial data Multimagents)         Verbillow           Michanical data (Mounting data         Verbillow           Environmental characteristics (Climatic Coparating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature min.         45 °C           Operating temperature may.         45 °C           Additional condition temperature may.         45 °C           Operating temperature min.         45 °C           Operating temperature may.         45 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiss.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiss.           Operating temperature may.         45 °C           Conformity         Verboutes standard	Operating voltage DC min.	18 V
Current operating per contact max.  Diagnostics  Status indication LED  yellow  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Mechanical data   Material data  Color housing black  Material housing Pastic  Mechanical data   Mounting data  Munding method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature min. 25 °C  Operating temperature max. 85 °C  Additional condition temperature regine depending on cable quality  Important installation notes  Note on bardian gladia  Althorion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Cable identification   Cable  Cable identification   Cable  Cable identification   Sale  Althorion   S	Operating voltage DC max.	30 V
Disposatics         Status inflication LED         yellow           Device protection [Electrical]           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Wechanical data [Material data]         Wilderial housing           Mechanical data [Mustrial data]         Plastic           Mounting method         Inserted, screwed           Environmental characteristics [Climatic         Deperating temperature min.         25 °C           Operating temperature max.         25 °C         Cooperating temperature max.         85 °C           Additional condition notes         Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable des.           Note on startin relief         Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable des.           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 (Ventilistecker)           Installation   Cable destination   Cable destina	Cut-off peak voltage max.	55 V
Status indication LED specifical   Device protection   Electrical   Additional condition protection degree   3   3   3   3   3   3   3   3   3	Current operating per contact max.	4 A
Device protection   Electrical   Insertical   Insertica	Diagnostics	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Saleted surge voltage 0,8 kV  Mechanical data   Material data  Color housing black Mechanical data   Muterial data  Waterial housing Plastic  Wounting method inserted, screwed  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.  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 (Venitistecker)  Installation   Cable  Cable identification   626  Cable identification   626  Cable identification   420  Printing color of wire insulation white (isolation black)  Jacket Color Black  Amount stranding 1  Stranding 3 wires twisted  White (isolation black)  Jacket Color URUs  Amount stranding 1  Stranding 3 wires twisted  Water arrangement black 1, Black 2, green-yellow  Cable weigh 55,33 g/m  Material jacket PUR  Material inner jacket   PUR  Material wire insulation   1,8 mm  Outer diameter (lackel) 1,5 %  Material wire insulation   4,5 % %  Shore hardness wire insulation   4,5 % %  Shore hardness wire insulation   4,5 % %  Shore hardness wire insulation   4,5 % Shore D	Status indication LED	yellow
Pollution Degree         3           Rated surge voltage         0,8 kV           Mechanical data   Material data         V           Color housing         black           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         W           Environmental characteristics   Climatic         C           Operating temperature min.         25 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on barrian relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on barding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Conformity           Product standard         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilistecker)           Installation   Cable         2           Cable identification         626           Cable identification         626           Cable in Yuge         2           Printing color of wire insulation         white (solation black)           Jacket Color         black           Type of Certificate         URUs <t< td=""><td>Device protection   Electrical</td><td></td></t<>	Device protection   Electrical	
Pollution Degree         3           Rated surge voltage         0,8 kV           Mechanical data   Material data         V           Color housing         black           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         W           Environmental characteristics   Climatic         C           Operating temperature min.         25 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on barrian relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on barding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Conformity           Product standard         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilistecker)           Installation   Cable         2           Cable identification         626           Cable identification         626           Cable in Yuge         2           Printing color of wire insulation         white (solation black)           Jacket Color         black           Type of Certificate         URUs <t< td=""><td>Additional condition protection degree</td><td>inserted, screwed</td></t<>	Additional condition protection degree	inserted, screwed
Rated surge voltage         0,8 kV           Mechanical data   Material data           Color housing         black           Material housing         Plastic           Mechanical data   Mounting data         Mounting method         inserted, screwed           Environmental characteristics   Climator         Coperating temperature min.         45 °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 bending radius         Altention: 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 178301-803 (Ventilistecker)           Installation   Cable         Excessive bending forces.           Cable depthilication   Cable         Excessive bending forces.           Cable identification   Cable         Cable identification in insulation   White (isolation black)           Jacket Color         black           Type of Cartificate         cuRus           Amount stranding         1           1         Stranding         3 wires twisted           Were arrangement	<u> </u>	3
Mechanical data   Material data         black           Color housing         black           Metrial housing         Plastic           Mechanical data   Mounting data         Mounting method           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature man.         85 °C           Additional condition temperature range depending on cable quality         depending national stallation notes           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         DIN EN 61076 2-101 (M12); DIN EN 175301-803 (Ventilistecker)           Tablatiation   Cable         28           Cable identification         626           Cable identification         626           Cable of or diversional insulation         white (solation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weight         55.3	-	0.8 kV
Color housing         black           Meterial housing         Plastic           Mechanical data [Mounting data]           Mounting method         inserted, screwed           Environmental characteristics [Climatic]           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range depending on cable quality         Important installation notes           Into 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 from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered by excessive bending from the laying cables, as the IP protection class can be endangered b		
Meterial housing         Plastic           Mechaical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range important installation notes         Description on a part of protection of the permissible pending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           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         626           Cable identification         626         626           Cable identification         626         626           Cable identification         626         626           Cable identification         black         7           Type of Certificate         currunt         626           Cable identification         black         8           Type of Certificate         currunt         626           Cable weight         53.33 g/m         6           Material	·	
Mechanical data   Mounting method inserted, screwed  Finvironmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature max. 465 °C Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard 501 NE N 61076-2-101 (M12); DIN EN 175301-803 (Ventilistecker)  Installation   Cable Cable distriction 626 Cable distriction 626 Cable distriction 462 Cable distriction 462 Cable distriction 462 Cable distriction 462 Cable distriction 463 Cable weigh 55,33 g/m  Material jacket 764 Cable weigh 55,33 g/m  Material jacket PUR Shore hardness jacket 764 Freedom from ingredients (jacket) 164 °C, Green-yellow 164 °C, Green-yellow 164 °C, Green silicone-free Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) 25 °C, 9 mm  Tolerance ou		
Nounting method   Inserted, screwed		Plastic
Environmental characteristics   Climatic Operating temperature min25 °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); DIN EN 175301-803 (Ventilstecker)  Installation   Cable Cable identification 628 Cable Type 2 Printing color of wire insulation white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weight 55,33 g/m Material jacket PUR Store hardness jacket PUR Freedom from ingredients (jacket) 1, sea of ree, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5% Material rejiekt PVC Amount wires 3 Outer diameter (sheath) 1,8 mm Outer diameter tolerance core insulation 43 ± 5 Shore D	Mechanical data   Mounting data	
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 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         Cable identification           Cable identification         626           Cable rype         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           Cable weigth         55,33 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5,9 mm	Mounting method	inserted, screwed
Operating temperature max.  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.  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 (Ventilistecker)  Installation   Cable  Cable identification 626  Cable fype 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  Cable weight 55,33 g/m  Material jacket PUR  Shore hardness jacket 95 mm  Tolerance outer diameter (seath) ± 5 %  Material iner jacket PVC  Material wire insulation PVC  Amount wires 3  Outer diameter (selaten) 1,8 mm  Outer diameter insulation PVC  Amount wires a 30  Outer diameter insulation PVC  Amount wires (solaten) 1,8 mm  Outer diameter insulation 1,8 mm  Outer diameter insulation 1,8 mm  Outer diameters over insulation 1,8 mm	Environmental characteristics   Climatic	
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.  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 (Ventilistecker)  Installation   Cable  Cable identification 626  Cable identification white (isolation black)  Jacket Color black Type 2  Printing color of wire insulation white (isolation black)  Jacket Color black Amount stranding 1  Stranding 3 wires twisted  wire arrangement black 1, black 2, green-yellow  Cable weigth 55,33 g/m  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) 9,9 mm  Tolerance outer diameter (sheate) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,8 mm  Outer diameter insulation 43 ± 5 Shore D	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         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)           Installation   Cable         Cable identification           Cable identification         626           Cable Type         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           Cable weight         55,33 g/m           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)         p.9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC	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.  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); 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 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow  Cable weigth 55,33 g/m  Material jacket PUR  Shore hardness jacket 94  Meterial wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,8 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D	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.  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); 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 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow  Cable weigth 55,33 g/m  Material jacket PUR  Shore hardness jacket 94  Meterial wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,8 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D	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 identification  626  Cable Type  2  Printing color of wire insulation  white (isolation black)  Jacket Color  black Types (Certificate  cURus  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  black 1, black 2, green-yellow  Cable weigth  55,33 g/m  Material jacket  PUR  Shore hardness jacket  95 ± 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 wire insulation  PVC  Amount wires  3  Outer diameter insulation  1,8 mm  Outer diameter tolerance core insulation  ± 5 %  Shore hardness wire insulation  43 ± 5 Shore D		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 (Ventilistecker)           Installation   Cable           Cable identification         626           Cable Type         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           Cable weigth         55,33 g/m           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 wire insulation         PVC           Material wire insulation         PVC           Material wire insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard         DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)           Installation   Cable           Cable identification         626           Cable Type         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           Cable weigth         55,33 g/m           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           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D	Conformity	3,
Cable identification 626 Cable Type 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 Cable weigth 55,33 g/m 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 wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation 43 ± 5 Shore D		DIN EN 61076-2-101 (M12): DIN EN 175301-803 (Ventilstecker)
Cable identification         626           Cable Type         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           Cable weight         55,33 g/m           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           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D		2.1. 2.1. 2.1. 2.1. (2), 2.1. 2.1. (2)
Cable Type         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           Cable weigth         55,33 g/m           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           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D		000
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  Cable weigth 55,33 g/m  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 wire insulation PVC  Amount wires 3  Outer diameter insulation 1,8 mm  Outer diameter tolerance core insulation 43 ± 5 Shore D		
Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weigth         55,33 g/m           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           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D		
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Freedom from ingredients (jacket)  Outer-diameter (jacket)  5,9 mm  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  \$\frac{\pmathcal{2}{\pmathcal{3}}}{\pmathcal{2}}}\$  \$\frac{\pmathcal{3}}{\pmathcal{2}}}\$  Shore hardness wire insulation    lead-free, cadmium-free, CFC-free, silicone-free   5,9 mm   PVC   PVC   Amount wires   3     Outer diameter insulation   1,8 mm     Outer diameter tolerance core insulation   \pmathcal{2} \pmathcal{3} \text{ mm}   Shore hardness wire insulation   \pmathcal{3} \pmathcal{2} \pmathcal{5} \text{ Shore D}		
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	ingreaient freeness wire insulation	ieaa-iree, caarnium-tree, CFC-tree, silicone-tree



Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °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