

## M12 male 0° A-cod. / MSUD valve plug C-8mm

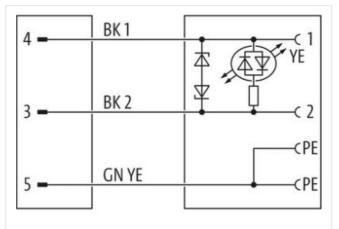
PUR 3x0.75 bk UL/CSA 1m

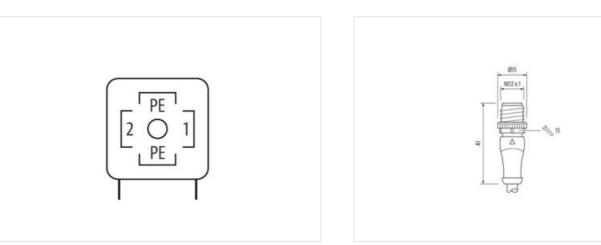
Form C (8 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



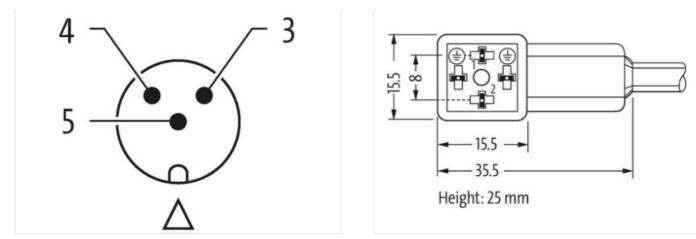






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-12





Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
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
Side 2	
Tightening torque	0,4 Nm
Family construction form	MSUD C
Thread	M2.5
No. of poles	4
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	4048879145770
Packaging unit	1
Electrical data	
Capacity CX	20 ms

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## Electrical data | Supply

Operating voltage AC94 VOperating voltage AC max.192 VaOperating voltage AC max.28 VOperating voltage AC max.20 VOperating voltage AC max.30 VCator Bay Voltage BC max.30 VCator Bay Voltage Bay Compatibility AC max.18 VOperating voltage AC max.30 VCator Bay Voltage Bay Compatibility AA18 VOperating voltage max.4 ADescreption Descreption Bay Compatibility AA198 Voltage Compatibility AAOperating voltage max.4 ADescreption Descreption Descreption Compatibility AC198 Voltage Compatibility ACAddonal condition Descreption Descreption Control Compatibility AC198 Voltage Compatibility ACAddonal condition Descreption Control Compatibility AC100 Voltage Compatibility ACCator Descreption Control Compatibility AC100 Voltage Compatibility ACCator Descreption Control Compatibility AC20	Electrical data   Supply	
Operating writinge AC max.       28.8 V         Operating writinge DC       24 V         Operating writinge DC min.       30 V         Cut of park vritinge max.       55 V         Current operating par contact max.       4 A         Diagnostics       Status indication LED         Status indication LED       yellow         Devicing participation of the participat	Operating voltage AC	24 V
Operating voltage DC       24 V         Operating voltage DC max.       30 V         Call-oft peak voltage max.       55 V         Carlot operating voltage DC max.       4 A         Diagnostics       Status findcation LD       yelow         Device protection Electrical       A         Additional condition protection degree       inserted, screwed         Poliation Dagree       3         Rand Surge Voltage       0.8 kV         Material group IEC 6096-11       1         Additional condition protection degree       3.         Rand Surge Voltage       0.8 kV         Material group IEC 6096-11       1         Additional suppressor       2. Doube         Metherial problem       Deak         Material housing       Bask.         Material housing       Plastic         Loading material       Zon dia casting         Metherial data       Departing working.         Operating working Content working.       -25 °C         Operating temporature max.       85 °C <td>Operating voltage AC min.</td> <td>19,2 V</td>	Operating voltage AC min.	19,2 V
Operating voltage DC min.       18 Y         Operating voltage DC max.       30 V         Cuit off geak voltage max.       55 V         Current operating per contrait max.       4 A         Diagnostics       Status indication LED         Status indication LED       yellow         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Rated suppressor       2-Diode         Mechanical data   Mounting data       Consent degree         Cathing on condition data       Consent degree         Cathing condition data       Consent degree         Cathing condition       Machanical data   Mounting data         Material prove (PC 60684-1)       I         Cathing condition       Back         Material housing       Plastics         Cathing condition       Condition data         Material prove (PC 60684-1)       In diserted, screwed         Environmentic characteristics   Climatic       Zindic         Cathing condition consects by suitable measures from michinal loads, e.g. by the usage of cable tise.         Mounting method       Inserted, screwed         Environmental tremature max.       85 °C <t< td=""><td>Operating voltage AC max.</td><td>28,8 V</td></t<>	Operating voltage AC max.	28,8 V
Operating voltage DC max.       30 V         Cat of the peak voltage max.       55 V         Cat. of the peak voltage max.       4 A         Diagnostics       Status indication LED         Status indication LED       yellow         Device protection [Electrical       Additional constition protection degree         Additional constition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (EC 60684-1)       1         Additional suppressor       Z. Diode         Mechanical data   Material data       Conting         Coaling looking       Nickeled         Coder, housing       Diack         Material rescue voltage       des Co         Material rescue voltage       des Co         Material rescue voltage       Z. Diode         Material rescue voltage	Operating voltage DC	24 V
Cut-off peak voltage max.   55 V     Carrent operating per contact max.   4 A     Device protection   Electrical     Status indication LED   yellow     Device protection   Electrical     Additional consulton protection degree   3     Rated surge vitage   0.8 kV     Material group (EC 60684-1)   1     Additional consulton   2 Diode     Mechanical data   Material data   1     Conting locking   Nickelind     Color housing   Diack     Material group (EC 60684-1)   1     Additional consulton   2 Diode     Mechanical data   Material data   1     Color housing   Diack     Material diversition   2 Diode     Material housing   Plastic     Locking material   2 Diode de- casting     Mechanical data   Mounting data   Encode- casting     Mounting method   inserted, sorewed     Environmental characteristics   Clinatio   25 °G     Operating temperature min.   26 °G     Device th	Operating voltage DC min.	18 V
Current sparaling per contact max.       4 A         Disposition       Status indication LED         Status indication LED       yellow         Device protection [Electrical       Additional condition protection degree         Additional condition protection degree       3         Ratef surge voltage       0.8 kV         Material group (EC 60664-1)       1         Additional suppressor       2 Olode         Mechanical data   Material data       Couling         Couling looking       Nickeled         Color bousing       Nickeled         Color bousing       Nickeled         Color bousing       Diack         Material hausing       Plastic         Locking material       Z Drc de-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed         Environmental characteristics   Climatic       Operaling temporature min.         Operaling temporature min.       25 °C         Operaling temporature min.       25 °C         Operaling temporature max       85 °C         Additional sequence were be permissible bending radii when laying cables, as the IP protection class can be endrangered by exceesive bending fraces.	Operating voltage DC max.	30 V
Diagnosition       Status infociation LED       yellow         Devices protection   Electrical	Cut-off peak voltage max.	55 V
Status indication LED       yellow         Device protection [Electrical       inserted, screwed         Additional condition protection degree       isserted, screwed         Pollution Degrees       3         Rated surge voltage       0.8 kV         Matrini group (IEC 80664-1)       1         Additonal suppressor       Z-Diode         Dechanical data   Material data       Costing looking         Oasing looking       Nickeled         Costing looking       Datack         Material Abussing       Plastic         Costing method       inserted, screwed         Environmental characteristics [Climatic       S <sup>2</sup> O         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature max.       85 °C         Note on starin relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on starin relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Cable on starin relief       DIN EN 61076-2-101 (M12); DIN EN 17501-803 (Valve Plug)         Instaltation (Codr       Cable         Cable derification       Cabl <td>Current operating per contact max.</td> <td>4 A</td>	Current operating per contact max.	4 A
Device protection   Electrical         Addition condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge vortage       0,8 kV         Material group (IEC 6064-1)       1         Additional suppressor       Z Diode         Mechanical data [Material data       Costing locking         Costing locking       Nickeled         Costing locking       Datek         Material housing       Plasice         Locking material       Zinc die casting         Mechanical data   Mounting data       Inserted, screwed         Environmental characteristics [ Climatic       Environmental characteristics [ Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Note on stain rollef       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tise.         Note on bending radius       Attention: Cobserve the permissible bending radii when laying cables, as the IP protection class can be endargored by excessive bending forces.         Control       DIN EN 61076-2:101 (M12)	Diagnostics	
Additional condition protection degree   inserted, screwed     Patulation Degree   3     Rated surge voltage   0.8 kV     Material group (IEC 60664-1)   1     Additional suppressor   Z-blode     Mechanical data [Material data   Color housing     Color housing   Black.     Material housing   Plastic     Locking material   Zin die-casting     Mechanical data [Mounting data   Inserted, screwed     Environmental characteristics [Climatic   Color housing     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition notes   Store     Note on strain rollel   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lise.     Note on brinding radius   Attention: Observe the permissible banding radii when laying cables, as the IP protection class can be endangered by soccesible bending fraces.     Color from   DIN EN 61076-2.101 (M12): DIN EN 175301-803 (Valve Plug)     Installation   626     Cable identification	Status indication LED	yellow
Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (EC 8068-1)       1         Additional suppressor       Z. Diode         Mechanical data   Material data	Device protection   Electrical	
Rated surge voltage   0,8 kV     Material group (IEC 60664-1)   1     Additional suppressor   Z-Diode     Mechanical data [Material data   Coain looking     Nickeled   Diasio     Coain looking   Nickeled     Coain looking   Nickeled     Coain looking   Plasio     Locking material   Zinc die-casting     Mechanical data [Mounting data   Mounting method     Iserted. screwed   Environmental characteristics [ Climatic     Environmental characteristics [ Climatic   Operating temperature max.     Operating temperature max.   85 °C     Additional condition temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes     Note on stain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.     Attention: Observe the parmissible bending radi when laying cables, as the IP protection class can be endangered by excessible bending forces.     Contornity   Intel (solation black)     Protoct standard   DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)     Installation Cable   Cable domiticat loads,     Cable forge   2     Printing color of wire insulation   white (isolation black) <t< td=""><td>Additional condition protection degree</td><td>inserted, screwed</td></t<>	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)       I         Additional suppressor       Z-Diode         Mechanical data   Material data       Include         Color Insusing       black         Material housing       Plastic         Locking method       Plastic         Locking method       incercesting         Mechanical data   Mounting data       Incercesting         Mounting method       inserted, screwed         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Note on stain rollel       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.         Note on stain rollel       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.         Cable on bending radius       Attention: Observe the parmiscible bending radii when laying cables, as the IP protection class can be endangered by excessive bending torces.         Conformity	Pollution Degree	3
Additional suppressor   Z-Diode     Mechanical data   Material data      Coating locking   Nickeled     Color housing   black     Material housing   Plastic     Locking material   Zinc die-casting     Mechanical data   Mounting method   inserted, screwed     Environmental characteristics   Climatic      Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition 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 tise.     Note on bending radius   Attention: Observe the permissible bending radius material backs, e.g. by the usage of cable tise.     Cable distribution   626     Cable fortification   626      Cable fortification   626      Cable fortification </td <td>Rated surge voltage</td> <td>0,8 kV</td>	Rated surge voltage	0,8 kV
Mechanical data   Material data         Coating looking       Nickeled         Color housing       Diack         Material housing       Plasic         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.       a5 °C         Additional condition temperature range       depending on cable quality.         Important Installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 10762-101 (M12); DIN EN 175301-803 (Valve Plug)         Installation (Cable       Cable identification       626         Cable identification       628       Cable identification       628         Cable identification       626       Cable identification       628         Cable identification       626       Cable identificate       CuPrus         Amount stranding       1       Sitter on gain metanication       526 °C   horizontal         Cable identification       626       Cable identificate       CuPrus	Material group (IEC 60664-1)	
Mechanical data   Material data         Coating looking       Nickeled         Color housing       Diack         Material housing       Plasic         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.       a5 °C         Additional condition temperature range       depending on cable quality.         Important Installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 10762-101 (M12); DIN EN 175301-803 (Valve Plug)         Installation (Cable       Cable identification       626         Cable identification       628       Cable identification       628         Cable identification       626       Cable identification       628         Cable identification       626       Cable identificate       CuPrus         Amount stranding       1       Sitter on gain metanication       526 °C   horizontal         Cable identification       626       Cable identificate       CuPrus		Z-Diode
Color housing       black         Material housing       Plastic         Locking material       Zinc die-casting         Mechanical data   Mounting data       Mounting material       Zinc die-casting         Mechanical data   Mounting data       Mounting method       inserted, screwed         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       Additional condition temperature may.       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 (Valve Plug)         Installation   Cable       Cable right       Cable (dentification         Cable Type       2       Printing color of wire insulation       while (solation black)         Jacket Color       black       URUS       Amount stranding       1         Stranding       3 wires twisted       w		
Color housing       black         Material housing       Plastic         Locking material       Zinc de-casting         Mechanical data   Mounting data       Mounting material         Mounting method       inserted, screwed         Environmental characteristics   Cilmatic       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       O         Additional condition temperature may.       85 °C       O         Additional condition temperature may.       85 °C       O         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of 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.         Note on strain relief       DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)         Installation   Cable       Cable dontfication       626	Coating locking	Nickeled
Material housing       Plastic         Locking material       Zinc die-casting         Mechanical data   Mounting data       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 strin 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 (Valve Plug)         Installation   Cable       Cable domification       626         Cable domification       626       Cable toppe         Printing color of wire insulation       white (isolation black)       Jacket Color         Jacket Color       black       The stranding       1         Type of Certificate       cURus       Amount stranding       1         Traversing distance (C-track)       5 m @ 25 °C   horizontal       Cable weight       56.33 g/m         Gable weight       56.33 g/m		black
Mechanical data   Mounting data         Mounting method       inserted, screwed         Environmental characteristics   Climatic       Coperating temperature min.       -25 °C         Operating temperature max.       85 °C       Additional condition 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 bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Contormity       Product standard       DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)         Installation   Cable       Cable identification       626         Cable identification       626       Cable Type         Cable Identification       626       Cable Identification         Jacket Color       black       Type of Cartificate         Amount stranding       1       Stranding       Stranding         Yire arrangement       black 1, black 2, green-yellow       Traversing distance (C-track)       5 m @ 25 °C   horizontal         Gable weigth       55.33 g/m       Material jacke		Plastic
Mounting method       inserted, screwed         Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature max.       64 epending on cable quality         Important installation notes       Motion temperature may.         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.         Contormity       Product standard         Product standard       DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)         Installation   Cable       Cable identification         Cable identification       626         Cable Identification       626         Cable Identification       while (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 <t< td=""><td>Locking material</td><td>Zinc die-casting</td></t<>	Locking material	Zinc die-casting
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes          Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)         Installation   Cable       Cable identification         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         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Cable weigth       55,33 g/m         Material jacket       PUR         Shore hardness jacket <t< td=""><td>Mechanical data   Mounting data</td><td></td></t<>	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     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     Important installation [Cable       Cable identification     626       Cable Type     2       Printing color of wire insulation     while (isolation black)       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     5 m @ 25 °C   horizontal       Cable weigth     55,33 g/m       Material jacket     PUR       Shore A     PUR       Shore A     5.9 mm       Tolerance outer diameter (jacket)     5.9 mm	Mounting method	inserted, screwed
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 (Valve Plug)         Installation   Cable       Cable identification       626         Cable identification       626       Cable IType         Printing color of wire insulation       white (isolation black)       Jacket Color         Type of Certificate       cURus       Amount stranding         Amount stranding       1       Stranding       1         Stranding       3 wires twisted       strain @ 25 °C   horizontal       Cable weigth         Cable weigth       55,33 g/m       Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A       Freedom free, cadmium-free, CFC-free, silicone-free         Outer-diameter (jacket)       5,9 m       Tolerance outer diameter (sheath)       ± 5 %	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 (Valve Plug)       Installation   Cable       Cable identification     626       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       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)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     5.9 mm       Tolerance outer diamete	Operating temperature min.	-25 °C
Important installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)Installation   CableCable identification626Cable identification626Cable identificationwhite (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 %	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 (Valve Plug)         Installation   Cable       Cable identification       626         Cable identification       626       Cable isolation black)         Jacket Color       black       DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)         Jacket Color       black       Current (Cable Cable Cable Cable Cable isolation black)         Jacket Color       black       DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)         Type of Cartificate       current (Cable Cable C	Additional condition temperature range	depending on cable quality
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 (Valve Plug)         Installation   Cable       Cable identification       626         Cable identification       626       Cable identification       626         Cable of vire insulation       white (isolation black)       Jacket Color       black         Type of Certificate       cURus       Attention       Stranding       1         Stranding       1       Stranding       3 wires twisted       Mixer angement       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)       lead-free, cadmium-free, CFC-free, silicone-free         Outer-diameter (jacket)       5,9 mm       Tolerance outer diameter (sheath)       ± 5 %	Important installation notes	
Note on behalting radius     endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)       Installation   Cable     Cable identification     626       Cable identification     626     Cable identification     526       Cable Color     black     Cable identificate     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)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     5,9 mm     Freedom from ingredients (jacket)     je m	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)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 (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %	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.
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)1ead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %	Conformity	
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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)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     5,9 mm       Tolerance outer diameter (sheath)     ± 5 %		
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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)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     5,9 mm       Tolerance outer diameter (sheath)     ± 5 %	-	
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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 %		
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 %		
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Tolerance outer diameter (sheath)   ± 5 %		
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Material inner jacket PVC		
	Material inner jacket	PVC

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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
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)	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

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