

## M12 male 90° A-cod. / MSUD valve plug A-18mm

PUR 3x0.75 bk UL/CSA 0.3m

Form A (18 mm) – M12, male 90° 24 V AC ±20% / DC ±25% LED and suppression Bridged PE

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

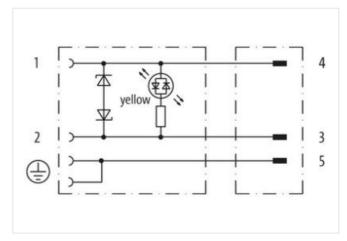
Plastic housings with good resistance against chemicals and oils.

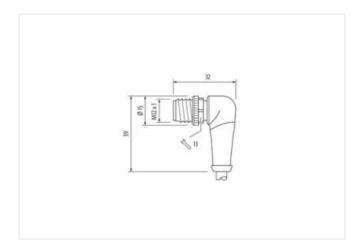
The resistance to aggressive media should be individually tested for your application. Further details on request.

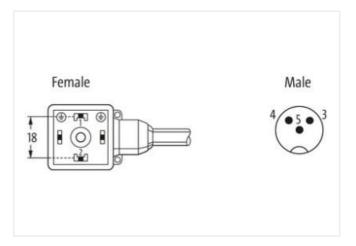
## **Link to Product**

## Illustration



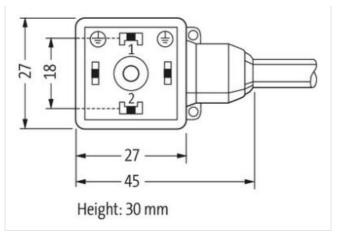








stay connected



Product may differ from Image









Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	MSUD
Thread	M12 x 1
Material	PUR
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,4 Nm
Family construction form	M12
Thread	M3
suitable for corrugated tube (internal Ø)	10 mm
Material	PBT
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879151153
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data   Supply	
Operating voltage AC	24 V



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Operating voltage DC Operating voltage DC min.         24 V           Operating voltage DC min.         18 V           Operating voltage DC min.         30 V           Other of peak voltage max.         55 V           Current operating voltage max.         15 mA           Ourset consumption max.         15 mA           Diagnostics         Status indication LED           Status indication LED         yellow           Portice protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         0.8 kV           Mechanical data   Material data         1           Additional suppressor         Diode, Z-Dode           Mechanical data   Material data         Code and poloniq           Mechanical data   Material data         Pure (Cataling booking)           Mechanical data   Material data         Zin de-casting           Mounting method         Place           Environmental characteristics   Climatic         Code casting           Mounting method         inserted, screwed           Environmental characteristics   Climatic         Code casting           Mounting method         inserted, screwed           Environmental characteristics   Climatic         Code casting	Operating voltage AC min.	19,2 V
Operating voltage DC min.         18 Y           Out-off peask voltage DC max.         30 V           Out-off peask voltage DC max.         55 V           Current consumption max.         15 mA           Diagnostics         Status indication LED           Status indication LED         yellow           Device protection [Electrical         Device protection [Electrical           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Meterial group (EC 60564-1)         1           Additional condition protection degree         Diode 2-Dodde           Mechanical data   Material data         Coating coking           Osting Coking         Nickoled           Coating coking         Nickoled           Coating Coking         Plastic           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         Inserted, screwed           Ferrition of policy and protection of temperature max.         25 °C           Operating temperature mix.         25 °C           Operating temperature mix.         85 °C           Additional condition tem	Operating voltage AC max.	28,8 V
Operating varilage DC max.         30 Y           Current coparating per contact max.         4 A           Current coparating per contact max.         15 mA           Designating per contact max.         15 mA           Designation max.         15 mA           Device protection IElectrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         0,8 kV           Material group (IEC 66664-1)         1           Additional data (Internal data Internal data)         Nickelud           Color Incurrent Material group (IEC 66664-1)         1           Additional data (Internal data Internal data I	Operating voltage DC	24 V
Courrent operating per contact max.         4 A           AD Current operating per contact max.         15 mA           Diagnostics           Status indication LED         yellow           Device protection [Electrical         Very Courrent operation of the protection of the prote	Operating voltage DC min.	18 V
Current consumption max.         1.5 mA           Diagnostics         1.5 mA           Diagnostics         Vertice protection IEdectrical           Additional condition protection of	Operating voltage DC max.	30 V
Disgnostics  States indication LED yellow  Device protection   Electrical  Additional condition protection degree inserted, screwed  Politional Degree 3  Rated surge voltage 0,8 kV  Material group (EC 69664-1) I  Additional surgersear Diods, Z-Diode  Mechanical data   Material data  Coaling locking Nickeled  Coaling locking Indicate I Nickeled  Coaling locking Nickeled  Co	Cut-off peak voltage max.	55 V
Diagnostics         Slatus indication LED         yellow           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Ralded surge voltage         0,8 kV           Meetani group (IEG 69684-1)         1           Additional condition protection degree         3 kV           Meetanid suppressor         Diode, 2-Diode           Mechanical data   Material data         Wicklead           Color housing         Nickelaid           Mechanical data   Mustrial gasket         PUR           Material probability         Pusitic           Locking material         Zinc dis-casting           Mechanical data   Mounting data         Pusitic           Mechanical data   Mounting data         Inserted, screwed           Environmental characteristics   Climatic         Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissable bending radii when laying cables, as the IP protection class can be endangeed by excessive bending forces.           Installation   Cable         Attention: Observe the permissable bending radii when laying cables, as the IP protection class can be endangeed by excessive bending forces.      <	Current operating per contact max.	4 A
Status indication LED  Device protection   Electrical  Additional condition protection degree insented, screwed  Pollution Degree 3  Rated supe voltage 0,8 kV  Material group (IEC 50664-1) 1  Additional supersessor Diode, 2-Diode  Mechanical data   Material data  Coaling bedring Nickeled  Coaling bedring Nickeled  Coaling bedring Nickeled  Coaling bedring Push  Material pasket PUR  Material pasket PUR  Material pasket PUR  Material proving Pasket  Locking material 2  Zero dis-casting  Mechanical data   Mounting data  Mounting method inserted, screwed  Mounting inserted, screwe	Current consumption max.	15 mA
Device protection   Electrical	Diagnostics	
Additional condition protection degree   3   3   3   3   3   3   3   3   3	Status indication LED	yellow
Falled surge voltage 0,8 kV Material group (IEC 69684-1) 1 Additional suppressor Diode, Z Diode  Mechanical data   Material data Coating locking black Material gasket PUR Material gasket PUR Mechanical data   Mounting data Mounting method Inserted, screwed  Environmental characteristics   Climatic Coperating temperature min. 25°C Operating temperature max. 85°C Operating temperature max. 85°C Operating temperature max. 85°C Operating temperature max. 85°C Operating temperature max. 86°C Cober 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: Coserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable Cable (Artification   26°C C	Device protection   Electrical	
Falled surge voltage 0,8 kV Material group (IEC 69684-1) 1 Additional suppressor Diode, Z Diode  Mechanical data   Material data Coating locking black Material gasket PUR Material gasket PUR Mechanical data   Mounting data Mounting method Inserted, screwed  Environmental characteristics   Climatic Coperating temperature min. 25°C Operating temperature max. 85°C Operating temperature max. 85°C Operating temperature max. 85°C Operating temperature max. 85°C Operating temperature max. 86°C Cober 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: Coserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable Cable (Artification   26°C C	Additional condition protection degree	inserted, screwed
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Material group (IEC 60664+1)         I Dode, Z-Diode           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Color (Including)           Color housing         Nickeled           Color housing         black           Material gasket         PUR           Mechanical data   Mounting data         Van die-casting           Mechanical data   Mounting data         Inserted, screwed           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C         Additional condition temperature rang.         85 °C           Additional condition temperature rang.         85 °C         Additional condition temperature rang.         45 °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.           Installation   Cable         Cable identification         626           Cable identification         628         Cable identification         628           Cable Type         2         Pulsak           Frending color of wire insulation         wite (isolation black)         3           Jacket Colo		0.8 kV
Additional suppressor  Mechanical data   Material data  Color housing black Material gasket PUR Material housing Plastic Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Coperating temperature min. 9.25 °C Operating temperature min. 9.55 °C Operating temperature mape 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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Cable identification 626 Cable Type 2 Printing color of wire insulation white (isolation black) Jacket Color black Application   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  Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5 m m Material inner jacket Meterial wine resultation proces insulation ingredients (jacket) PVC Material wine risulation proces (jacket) PVC Material wine risulation proces (jacket) PVC Material wine risulation proces (jacket) PVC Material wine risulation PVC		· ·
Mechanical data   Material data         Nickeled           Color housing         black           Material pasket         PUR           Material housing         Plastic           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Variant installation notes           Installation   Cable         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.           Installation   Cable         S6           Cable dintification         68           Cable institute in suitation         white (isolation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted <td< td=""><td></td><td>Diode, Z-Diode</td></td<>		Diode, Z-Diode
Coating locking         Nickeled           Cotor housing         black           Material gasket         PUR           Material pasket         Plastic           Locking material         Zinc die-casting           Mechanical data   Mounting data           Mechanical data   Mounting data           Environmental characteristics   Climatic           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           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   Cable         Cable identification           Cable identification         626           Cable identification         626           Cable identification         white (isolation black)           Jacket Color         black           Type of Certificate         cURus           Amount		
Color housing black Material gasket PUR Material pousing Plastic Locking material Zinc die-casting  Mechanical data   Mounting data Mounting method inserted, screwed  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Operating temperature min 25 °C Operating temperature min 25 °C Additional condition temperature mage 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.  Installation   Cable Cable identification 626 Cable identification 626 Cable of wire 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  Traversing distance (C-track) 5 m @ 25 °C   horizontal Cable weight 55,33 g/m  Material jacket PUR  Freedom from ingredients (jacket) 1,99 mm  Tolerance outer (alknet) 5,9 mm  Tolerance outer (alknet) 5,9 mm  Tolerance outer (alknet) 5,9 mm  Tolerance outer (alknet) 1,5 %  Material wire insulation 1,50 km (pv C		Nickeled
Material gasket         PUR           Material housing         Plastic           Locking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature remay         depending on cable quality           Inportant installation notes         Vince 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.           Installation   Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Cable identification         626         Cable identification         626           Cable identification         626         Cable identification         626           Cable identification         626         Cable identification         626           Cable of wire insulation         with (isolation black)         Auterial mention in insulation in the		
Material housing         Plastic           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting method         inserted, screwed           Environmental characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature min         .25 °C           Operating temperature max         .85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation   Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Cable identification         626           Cable identification         626         626		
Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed           Environmental characteristics   Climatic         Comparing temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Vote 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.           Installation   Cable         Cable identification         626           Cable identification         626         6           Cable of view 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 weight         55.33 g/m           Material jacket         PUR           Shore hardness jacket         <		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         Important installation notes           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ities.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable           Cable identification         626           Cable identification         626           Cable identification         626           Cable identification         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 weight         55.33 g/m           Material jacket         PUR		
Mounting method inserted, screwed  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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Cable identification 626  Cable identification 626  Cable identification 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 weigh 55.33 g/m  Material jacket PUR  Shore hardness jacket 85 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 VC  Material wire insulation PVC  Material wire insulation PVC		
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.  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  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 55,33 g/m  Material jacket PUR  Shore hardness jacket PUR  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		inserted screwed
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Important installation notes           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable           Cable identification         626           Cable installation of the representation of the installation 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)         j.9 mm           Tolerance outer diameter (jacket)         5,9 mm           Tolerance outer diameter (sheath	-	
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.  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 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 (spacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC  Material inner jacket PVC	·	
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.  Installation   Cable  Cable identification 626  Cable Type 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  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weight 55,33 g/m  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		
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.           Installation   Cable           Cable I Type         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           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		
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.  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  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 %  Material inner jacket PVC  Material wire insulation PVC		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.           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           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 %           Material inner jacket         PVC           Material wire insulation         PVC	Important installation notes	
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 Traversing distance (C-track) 5 m @ 25 °C   horizontal 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 Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Material wire insulation PVC	Note on strain relief	
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 diameter (sheath) ± 5 %  Material wire insulation PVC  Material wire insulation  626  Cable Weight curve insulation curve insulation control black)  All carried control black insulation curve ins	Note on bending radius	
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 diameter (sheath) ± 5 %  Material inner jacket PVC  Material wire insulation PVC	Installation   Cable	
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 diameter (sheath) ± 5 %  Material inner jacket PVC  Material wire insulation PVC	Cable identification	626
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 diameter (sheath)       ± 5 %         Material inner jacket       PVC         Material wire insulation       PVC	Cable Type	2
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 diameter (sheath) ± 5 %  Material inner jacket PVC  Material wire insulation PVC	Printing color of wire insulation	white (isolation black)
Amount stranding  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 %  Material inner jacket  PVC  Material wire insulation  PVC	Jacket Color	black
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 %  Material inner jacket PVC  Material wire insulation PVC	Type of Certificate	cURus
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 %  Material inner jacket PVC  Material wire insulation PVC	Amount stranding	1
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 %  Material inner jacket PVC  Material wire insulation PVC	Stranding	3 wires twisted
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	wire arrangement	black 1, black 2, green-yellow
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	Traversing distance (C-track)	5 m @ 25 °C   horizontal
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	Cable weigth	<del>-</del>
Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Atterial inner jacket  PVC  Material wire insulation  Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, silicone-free  5,9 mm  ± 5 %  PVC  PVC	Material jacket	PUR
Outer-diameter (jacket) 5,9 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Material wire insulation PVC	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Material wire insulation PVC	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacket PVC Material wire insulation PVC	Outer-diameter (jacket)	5,9 mm
Material wire insulation PVC	Tolerance outer diameter (sheath)	± 5 %
	Material inner jacket	PVC
Amount wires 3	Material wire insulation	PVC
	Amount wires	3

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: 2024-05-15



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