

## MSUD double valve A-18mm with cable

PUR 4x0.75 bk UL/CSA 3m

Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 110 mm Further cable lengths on request.

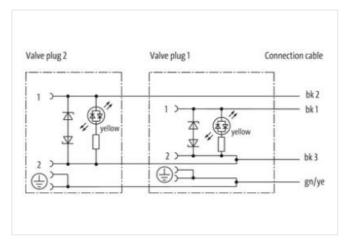
Plastic housings with good resistance against chemicals and oils.

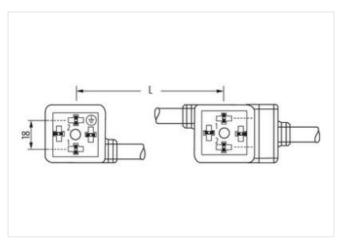
The resistance to aggressive media should be individually tested for your application. Further details on request.

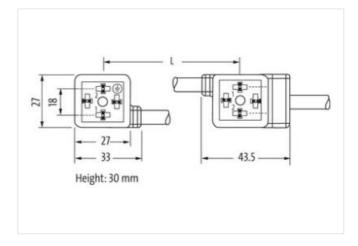
## **Link to Product**

## Illustration









Product may differ from Image



Cable length 3 m

Side 1

0,4 Nm Tightening torque



stay connected

Material   PST   Side 2   Side 2   Side 2   Side 2   Side 2   Side 3   Si	Thread	M3
Tightening torque	Material	PBT
Tricked   M3   Malerial   PBT	Side 2	
Tricked   M3   Malerial   PBT	Tightening torque	0.4 Nm
Material   PBT		· · · · · · · · · · · · · · · · · · ·
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27069312           ECLASS-10.1         27069312           ECLASS-11.1         27069312           ECLASS-12.0         27069312           ECLASS-13.0         ECO1855           GUINT MARKED MAR		
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           ETM-5.0         ECO01895           coutons staff Immber         55444290           GTN         408879137744           Packaging unit         1           Electrical data         Electrical data           Capacity CX         20 ms           Electrical data   Supply         V           Operating voltage AC         24 V           Operating voltage AC ms.         19.2 V           Operating voltage AC ms.         28.8 V           Operating voltage DC min.         18 V           Outroit operating per cortact max.         4 A		
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27269312           ECLASS-9.0         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-17.0         ECOMBRO           ETIM 5.0         ECOMBRO           OSTIM         4068079137744           Packaging unit         1           Electrical data         2           Capacity CX         20 ms           Electrical data [Suppty         20 ms           Operating voltage AC         24 V           Operating voltage AC ms.         19.2 V           Operating voltage AC ms.         28.8 V           Operating voltage DC ms.         18 V           Operating voltage DC ms.         30 V           Cut-off pask voltage ms.         55 V           Cut-off pask voltage ms.         12 mA           Diagnostics         12 mA           Diagnostics         12 mA           Diagnostics         12 mA           Degree of protection (EN ICC 60529)         IP67           Additional condition protection degree         10 most activated           Degree of protection (EN ICC 60529)         IP67		07070040
ECLASS-7.0         2279218           ECLASS-8.0         27778218           ECLASS-9.1         27060312           ECLASS-10.1         27060312           ECLASS-12.0         27060312           ETIMS-5.0         ECO01895           CLIASS-11.1         4048290           GTIN         4048879137744           Peackaging unt         1           Electrical data         V           Sepachy CX         20 ms           Electrical data   Supply         V           Operating voltage AC mm.         19.2 V           Operating voltage AC mm.         19.2 V           Operating voltage AC mm.         19.2 V           Operating voltage DC max.         28.8 V           Operating voltage DC max.         30 V           Culrol operating por contact max.         4 A           Culrol operating por contact max.         4 A           Culrol operating por contact max.         12 mA           Device protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Radicional condition protection (EN IEC 60529)         IP67           Additional suppresor         Dode, Z Diode		
ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         4048879137744           Packaging unit         1           Electrical data         ************************************		
ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27090312           ETIM-5.0         EC001855           Loustons tarfif mumber         8544290           GTIN         4048879137744           Packaging unit         1           Electrical data         UN           Spacity CX         20 ms           Electrical data   Supply         UN           Perating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage DG min.         19.4 V           Operating voltage DG min.         18 V           Operating voltage DG min.         18 V           Operating voltage DG max.         30 V           Cut-off peak voltage max.         55 V           Cut-off peak voltage max.         12 mA           Diagnostics         Status indicaton LED           Status indicaton LED         yellow           Device protection   Electrical         187           Degree of protection   Electrical         18           Degree of protection   Electrical         18           Rated singue vol		
ECLASS-10.1         27060312           ECLASS-11.0         27060312           ECLASS-12.0         27060312           ETIMS-5.0         EC001885           usulsions tariff number         85444290           GTIN         4048879137744           Packaging unit         1           Electrical data         Electrical data           Capacity CX         20 ms           Electrical data   Supply         Poperating voltage AC           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage AC max.         28.8 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         30 V           Cul-of peak voltage max.         55 V           Cul-of peak voltage max.         55 V           Current operating per contact max.         4 A           Degree of protection [Electrical         Pollude per certain (Electrical)           Degree of protection (Electrical)         Pollude per certain (Electrical)           Degree of protection (Electrical)		
ECLASS-1.1.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048879137744           Packaging unit         1           Electrical data           Capacity CX           Capacity CX           Perating voltage AC           Perating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage BC         24 V           Current operating per contact max.         4 R           Current operating per contact max.         4 R           Current operating per contact max.         4 R           Degree of protection [Electrical         9           Pegree of protection [Electrical         9           Pegree of protection [Electrical         1           Additional condition protection degree         10.8		
ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs taiff number         8544290           GTIN         4048879137744           Packaging unit         1           Electrical data         ************************************		
ETIM 5.0         EC001855           customs tariff number         85444290           GTIN         404879137744           Packaging unit         1           Electrical data         Verification           Electrical data [Supply         V           Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Diagnostics         Verificational Condition protection [Electrical           Degree of protection [Electrical         PER           Actional condition protection degree         inserted, screwed           Pollution algory voltage         0,8 kV           Material group (IEC 80684-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data Material data         Verzinkt           Colaring loshing         verzinkt           Coloring material         Seel		
customs tariff number         85444290           GTIN         4048879137744           Packaging unit         1           Electrical data		
GTIN         4048879137744           Packaging unit         1           Electrical data         Capacity CX         20 ms           Electrical data   Supply         V           Operating voltage AC min.         19,2 V           Operating voltage AC min.         19,2 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage pc max.         55 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Current operating per contact max.         4 Per Manual Ma		
Packaging unit         1           Electrical data           Capacity CX         20 ms           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         28.8 V           Operating voltage DC max.         30 V           Cut-off peak voltage max.         55 V           Current operating per contact max.         4 A           Current operating per contact max.         12 mA           Diagnostics         Velow           Status indication LED         yellow           Device protection   Electrical         Veramed operating protection degree           Degree of protection   Entertical         1           Rated surge voltage         3.8 KV           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Additional suppressor         Diode, 2-Diode           Mechanical data   Material data         Coating locking           Verzinkt         Steel           Mechanical data   Mounting data           Mechanical data   Mounting data		
Electrical data         20 ms           Electrical data   Supply         24 V           Operating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage DC min.         19.2 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating postage DC max.         30 V           Cut-off peak voltage max.         55 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Current consumption max.         12 mA           Diagnostics         Value           Status indication LED         yellow           Device protection [Electrical         yellow           Degree of protection (EN IEC 6052)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Coking material         Siecl           Mechanical data   Mounting data         Inserted, screwed <td></td> <td></td>		
Capacity CX         20 ms           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage BC max.         28.8 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           Current consumption max.         12 mA           Diagnostics         Vellow           Device protection   Electrical         Vellow           Device protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Politution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 606641)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Cooking locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Seel           Mechanical data   Mounting data           Mechanical data   mounting data		1
Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19,2 V           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           Current consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Device protection   Electrical           Degree of protection voltion protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Cooling locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting method         inserted, screwed		
Operating voltage AC         24 V           Operating voltage AC min.         19,2 V           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           Current consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Degree of protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic	Capacity CX	20 ms
Operating voltage AC min.         19,2 V           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           Current consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Mechanical data   Material data           Coating locking         verzinkt           Coating locking         verzinkt           Coating locking         verzinkt           Color housing         black           Mechanical data   Mounting data           Mounting method         inserted, screwed           Mounting method         inserted, screwed           Envir	Electrical data   Supply	
Operating voltage AC max.         28,8 V           Operating voltage DC min.         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           Current consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 6064-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data           Coating locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         -25 °C <td>Operating voltage AC</td> <td>24 V</td>	Operating voltage AC	24 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 consumption max.         4 A           Current consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data           Coating locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         24 V	Operating voltage AC min.	19,2 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           Current consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60684-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data           Coating locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C	Operating voltage AC max.	28,8 V
Operating voltage DC max. 55 V Current operating per contact max. 4 A Current consumption max. 12 mA  Diagnostics Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt Color housing black Material gasket PUR Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Coperating temperature min25 °C Coperating temperature max. 85 °C	Operating voltage DC	24 V
Cut-off peak voltage max.         55 V           Current operating per contact max.         4 A           Current consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Device protection [Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data           Coating locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C		18 V
Current operating per contact max. 12 mA  Diagnostics  Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 6064-1) I  Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Operating voltage DC max.	30 V
Current consumption max. 12 mA  Diagnostics  Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt  Color housing black Material gasket PUR Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		55 V
Status indication LED yellow  Device protection   Electrical  Degree of protection (EN ICC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		4 A
Status indication LED  Pevice protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Muntting data  Munting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Current consumption max.	12 mA
Device protection   Electrical  Degree of protection (EN IEC 60529)	Diagnostics	
Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt Color housing black Material gasket PUR Locking material steel Locking material inserted, screwed  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Status indication LED	yellow
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Device protection   Electrical	
Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt Color housing black Material gasket PUR Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Degree of protection (EN IEC 60529)	IP67
Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt Color housing black Material gasket PUR Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C		inserted, screwed
Rated surge voltage 0,8 kV  Material group (IEC 60664-1) 1  Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		
Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Rated surge voltage	0,8 kV
Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Material group (IEC 60664-1)	I
Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Additional suppressor	Diode, Z-Diode
Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Mechanical data   Material data	
Material gasket PUR Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Coating locking	verzinkt
Locking material  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Color housing	black
Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Material gasket	PUR
Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Locking material	Steel
Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Mechanical data   Mounting data	
Operating temperature min25 °C Operating temperature max. 85 °C	Mounting method	inserted, screwed
Operating temperature max. 85 °C	Environmental characteristics   Climatic	
	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality

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: 2024-05-13



stay connected

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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cable	
Cable identification	627
Cable Type	2
Printing color of wire insulation	white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
vire arrangement	black 1, black 2, black 3, green-yellow
Fraversing distance (C-track)	5 m @ 25 °C   horizontal
Cable weigth	74,8 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)	6,5 mm
Folerance outer diameter (sheath)	± 5 %
Material inner jacket	PVC
Color (inner jacket)	black
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1.8 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	43 ± 5 Shore D
ngredient 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 - acket)	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
JV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter