

M12 Xtreme male 0° A-cod. / MSUD valve plug A-18mm

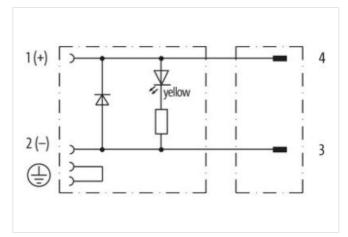
PUR 2x0.75 bk UL/CSA+drag ch. 3m

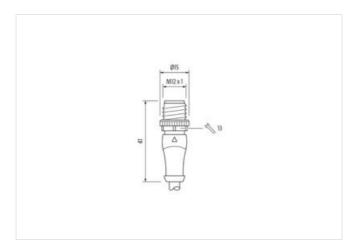
Xtreme - Outdoor Stainless steel 1.4305 (V2A) MSUD Form A (18 mm) 4-pole Male M12 straight 2-pole 12...24 V AC/DC Flyback diode + LED

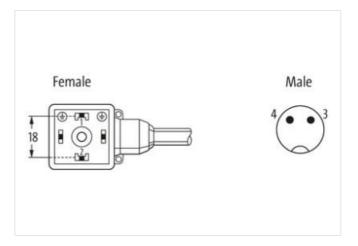
Link to Product

Illustration











stay connected



Product may differ from Image



Cable length	3 m
Side 1	
Tightening torque	0,4 Nm
Coating contact	silver-plated
Family construction form	MSUD
suitable for corrugated tube (internal Ø)	10 mm
Material contact	Copper alloy
Material	PUR
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67, IP68
Side 2	
Tightening torque	0,6 Nm
Coating contact	gold plated
Family construction form	M12
Material contact	Copper alloy
Material	PBT
No. of poles	2
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67, IP68
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	4048879450553
Packaging unit	1
Electrical data Supply	



stay connected

Spending voltage DC max. 24 V Just off peek voltage max. 1,3 V Just off peek voltage max. 7 mA Just off peek voltage max. 7 mA Just off peek voltage max. 7 mA Just off peek voltage voltage voltage with a voltage voltage with a voltage voltage voltage with a voltage voltage of peek voltage of peek voltage voltage of peek voltage voltage of peek	Operating voltage DC min.	12 V
Description of the content of the		
Surrent coresumption max.		
Distance Size Status Indication LED yellow Installation Connection Activities preset to Ma Activities projection degree inserted, screwed **Collidated surge voltage of Ma Activities projection (Electrical Activities projection (Electrica		· · · · · · · · · · · · · · · · · · ·
Silatus infloation LED yellow Installation Connection **Control Electrical **Control Electric		
Status Indication LED yellow Installation Connection Journing set M3 Section S	<u> </u>	7 IIIA
Installation Connection Mounting set M3 Device protection Electrical Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Stated surge voltage 0,8 kV Atternal group (IEC 60664-1) I Additional suppressor Dode, free-wheeling diode Mochanical data Material data Material data Dode, free-wheeling diode Material data Material da	Diagnostics	
Device protection Electrical Additional condition protection degree 3 Stated surge voltage 0.8 kV Additional surpressor Diode, free wheeling diode Mechanical data Material data Additional surpressor Diode, free wheeling diode Mechanical data Material data Additional surpressor Diode, free wheeling diode Mechanical data Material data Additional surpressor Diode, free wheeling diode Mechanical data Material data Additional surpressor Diode, free wheeling diode Mechanical data Material data Additional surpressor Diade Add	Status indication LED	yellow
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Alaberial group (IEC 606641) 1 Additional suppressor Diode, free-wheeling diode Mochanical data Microial data Material gasket Silicon Adterial gasket Silicon Adterial gasket Silicon Adterial pasket Silicon Adterial pasket Silicon Adterial floasing Plastic Cocking material Stainless steel 1.4305 (VZA) Mochanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Diperating temperature max. 85 °C Good Diperating temperature max. 85 °C Additional condition temperature range Moportiant installation notes Mote on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces Confromity Mounting data Din En 81076-2-101 (M12) Installation Cable Installatio	Installation Connection	
Additional condition protection degree inserted, screwed Pollution Degree 3 Astardial group (IEC 60664-1) I Additional suppressor Diode, free wheeling diode Mochanical data Mochanical data Mochanical data Mochanical data Mochanical data Mochanical data Mounting data Mochanical data Mounting data	Mounting set	M3
Asted surge voltage 0.8 kV Asterial group (IEC 60694-1) 1 Additional suppressor Diode, free-wheeling diode Mochanical data Material data Octor housing black Asterial group (IEC 60694-1) 5 Asterial pasket 6 Asterial pasket 7 Asterial pounds 7	Device protection Electrical	
Rated surge voltage 0.8 kV daterial group (IEC 60664-1) I doddfional suppressor Diode, free wheeling diode Mechanical data Material data Color housing Diack Auterial gasket Silicon Material gasket Silicon Material gasket Silicon Material pasket Silicon Mechanical data Mounting data Mounting method II Environmental characteristics Climatic Coperating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Volta on strain reliaf 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. Conformity Product standard II Tistallation Cable Zable identification 754 Zable Type 3 Sacket Color Backet Co	Additional condition protection degree	inserted, screwed
Material group (IEC 808841) I Dobe, free-wheeling diode Mochanical data Material data Zolor housing black Material gasket Silicon Material gasket Silicon Material gasket Silicon Material gasket Silicon Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Deparating temperature min. 25 °C Deparating temperature max. 85 °C Deparating temperature max. 85 °C Deparating temperature max. 85 °C Attention condition temperature max. 85 °C Deparating temperature max. 85 °C Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contormity Product standard Disc Silicon Contormity Product standard Disc Silicon Dis	Pollution Degree	3
Mochanical data Material data **Dolor housing** Machanical data Material data **Dolor housing** Material possite* Material data Mounting data Material possite* Machanical data Mounting data Machanical data Mounti	Rated surge voltage	0,8 kV
Mechanical data Material data Color housing black Alterial gasket Alterial gasket Alterial gasket Alterial gasket Alterial gasket Alterial posing Cocking material Stainless steel 1.4305 (V2A) Mechanical data Mounting data data	Material group (IEC 60664-1)	I
Color housing black Ablaterial pasket Silicon Ablaterial possing Plastic Ablaterial housing Plastic Ablaterial housing Stainless steel 1.4305 (V2A) Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Coloriang temperature min. 25° C Operating temperature many 45° C Objectating temperature range depending on cable quality Important Installation notes Vote on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Alterntion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Conformity Product standard DIN EN 61076-2-101 (M12) Installation Gable Sale (Solic) Sale (So	Additional suppressor	Diode, free-wheeling diode
Material pasket Material housing Plastic Cocking material Mounting method inserted, screwed Environmental characteristics Climatic Deperating temperature min. 25 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 754 Carriaging 2 wires twisted wire arrangement fraversing distance (C-track) 10 m @ 25 °C horizontal Attentian Son Pa Material jacket PUR Material wire insulation P Material wire insulation P Material wire insulation P Material wire insulation 1,7 mm	Mechanical data Material data	
Material pasket Material housing Plastic Cocking material Mounting method inserted, screwed Environmental characteristics Climatic Deperating temperature min. 25 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 754 Carriaging 2 wires twisted wire arrangement fraversing distance (C-track) 10 m @ 25 °C horizontal Attentian Son Pa Material jacket PUR Material wire insulation P Material wire insulation P Material wire insulation P Material wire insulation 1,7 mm	Color housing	black
Material housing Plastic Cocking material Mounting data Mounting data Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Deparating temperature min.	Material gasket	Silicon
Mechanical data Mounting data 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 Vote 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) Installation Cable Cable identification 754 Cable identification 754 Cable identification 754 Cable identification 10 black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted Vire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 40,7 g/m Attential jacket PUR Cable weigth 10 m @ 25 °C horizontal	Material housing	Plastic
Environmental characteristics Climatic Deparating temperature min.	Locking material	Stainless steel 1.4305 (V2A)
Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. 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) Installation Cable Cable identification 754 Cable identification 754 Cable (Or black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted Wire arrangement brown, blue Fraversing distance (C-track) 10 m @ 25 °C horizontal Cable weight 40,7 g/m Material jacket PUR Shore hardness jacket 90±5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 5 mm Frover diameter (sheath) ± 5 % Material wire insulation PP Amount wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm	Mechanical data Mounting data	
Operating temperature min25 °C Operating temperature max. 85 °C Operating 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. 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) Installation Cable Cable identification 754 Cable identification	Mounting method	inserted, screwed
Derating temperature max. Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 754 Zable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Fireversing distance (C-track) 10 m@ 25 °C horizontal Zable weight 40,7 g/m Attential jacket PUR Shore hardness jacket 90±5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) ± 5 % Attential wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm	Environmental characteristics Climatic	
Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 754 Zable identification 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Fraversing distance (C-track) 10 m@ 25 °C horizontal Adaterial jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) ± 5 % Adaterial wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm	Operating temperature min.	-25 °C
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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) Installation Cable Cable Installation Cable Cable Installation Sable Cable Installation	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Zable identification 754 Zable identification 34 Zable identificate culflus Zable (Corriginate culflus Zavines transing 1 Zarrangement 1 Zavines training 2 wires twisted Vire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Zable weigth 40,7 g/m Auterial jacket PUR Shore hardness jacket 90±5 Shore A Treedom from ingredients (jacket) 5 mm Voluet-diameter (jacket) 5 mm Voluet-diameter (sheath) ± 5 % Voluet-diameter (sheath) PP Amount wires 2 Duer diameter insulation 1,7 mm	Additional condition temperature range	depending on cable quality
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Zable identification 754 Zable identification 34 Zable identificate culflus Zable (Corriginate culflus Zavines transing 1 Zarrangement 1 Zavines training 2 wires twisted Vire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Zable weigth 40,7 g/m Auterial jacket PUR Shore hardness jacket 90±5 Shore A Treedom from ingredients (jacket) 5 mm Voluet-diameter (jacket) 5 mm Voluet-diameter (sheath) ± 5 % Voluet-diameter (sheath) PP Amount wires 2 Duer diameter insulation 1,7 mm	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 61076-2-101 (M12) Installation Cable Zable identification 754 Zable Type 3 Jacket Color black Every of Certificate CURus Amount stranding 1 Stranding 2 wires twisted vire arrangement brown, blue Fraversing distance (C-track) 10 m @ 25 °C horizontal Zable weigth 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 5 mm Jouler-diameter (jacket) 5 mm Jouler-diameter (sheath) 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 754 Cable Type 3 Cable Type 3 Cable Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weight 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Cuter diameter insulation 1,7 mm	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 754 Cable Type 3 Cable Type 3 Cable Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weight 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Cuter diameter insulation 1,7 mm	Conformity	
Cable identification 754 Cable Type 3 Cable Type of Certificate cURus Camount stranding 1 Cable Type of Certificate cURus Camount stranding 1 Cable wire arrangement brown, blue Cable weigh 40,7 g/m Cable weigth 40,7 g/m Cable weigth 40,7 g/m Cable weigth 90 ± 5 Shore A Cable weigh 90 ± 5 Shore A Cable weigh 5 Cable weigh 6 Cable weigh 90 ± 5 Shore A Cable weigh 6 Cable weigh 90 ± 5 Shore A Cable weigh 7 Cable weigh 90 ± 5 Shore A Cable weigh 90 ± 5 Sho	•	DIN EN 61076-2-101 (M12)
Cable identification 754 Cable Type 3 Cable Type 3 Cable Type 3 Cable Type 5 Cable Type 5 Cable Type 5 Cable Type 6 Council Current Stranding 1 Cable with a council Current Stranding 2 wires twisted Stranding 2 wires twisted Stranding 6 Cable weight 5 Cable weight 40,7 g/m Material jacket 7 Cable weight 90 ± 5 Shore A Cable weight 90 ±		DIN LN 01070-2-101 (NI12)
Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm	·	
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm		
Amount stranding 1 Stranding 2 wires twisted Vire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm		
Amount stranding 1 Stranding 2 wires twisted brown, blue Fraversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm		
Stranding 2 wires twisted vire arrangement brown, blue Fraversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Duter-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm	· · · · · · · · · · · · · · · · · · ·	
brown, blue Fraversing distance (C-track) 10 m @ 25 °C horizontal 40,7 g/m Material jacket PUR Shore hardness jacket Freedom from ingredients (jacket) 10 m @ 25 °C horizontal 10 m @ 25 °C horizon	<u> </u>	
Traversing distance (C-track) 10 m @ 25 °C horizontal 2able weigth 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Outer diameter insulation 1,7 mm		
Cable weigth 40,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free silicone-free Outer-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Outer diameter insulation 1,7 mm	<u> </u>	
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm		
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm		-
Freedom from ingredients (jacket) Duter-diameter (jacket) 5 mm Folerance outer diameter (sheath) 4 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm	· · · · · · · · · · · · · · · · · · ·	
Duter-diameter (jacket) 5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm		
Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm		· · · · · · · · · · · · · · · · · · ·
Material wire insulation PP Amount wires 2 Duter diameter insulation 1,7 mm		
Amount wires 2 Duter diameter insulation 1,7 mm	Material wire insulation	
Duter diameter insulation 1,7 mm	Amount wires	
	Outer diameter insulation	1,7 mm
	Outer diameter tolerance core insulation	± 5 %

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: 2024-05-06



Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min