

## M12 male 0° / M12 female 0° A-cod.

PUR AWG24+22 shielded vt UL/CSA+drag ch. 7m

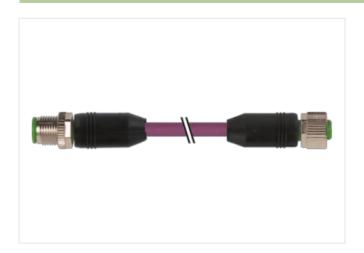
DeviceNet, CANopen Male straight – female straight M12 – M12, 5-pole A-coded shielded

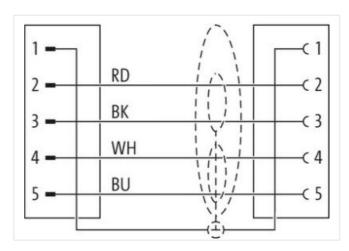
Plastic housings with good resistance against chemicals and oils.

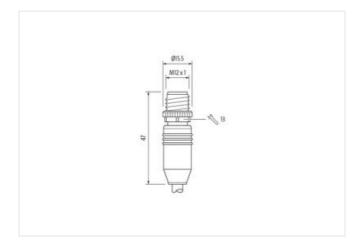
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

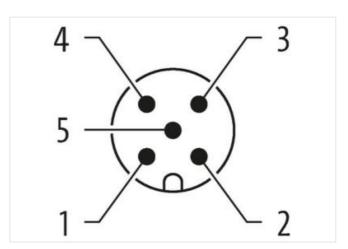
## **Link to Product**

## Illustration



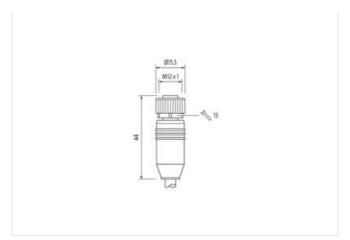


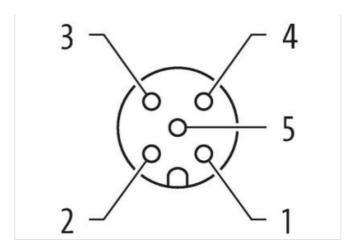






stay connected





Product may differ from Image



Cable length





7 m







Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
Material	PUR
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879164900



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Operating voltage DC max.   60 V	Packaging unit	1
Operating voltage DC max.   60 V	Electrical data   Supply	
Operating voltage CR UIL-isteded         30 V           Operating voltage CR UIL-isteded         30 V           Operating oper contact max.         4 A           Installation   Connection         M12 x 1           Device protection   Electrical         M2 x 1           Additional condition protection degree         1 serious protection   Electrical           Additional condition protection degree         3           Rated surge voltage         1,5 kV           Machanical data         Very Control of corrugated hose           Without For corrugated hose         without           Machanical data   Material data         Very Cashing political of the control of corrugated hose           Machanical data   Material data   Material data   Control of corrugated hose         Nickeled           Coasing defining         nickeled           Coasing defining         nickeled           Coasing defining         nickeled           Coasing defining         2 nc die casting           Material passer         FKM           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climate         Operating temperature mix.           Operating temperature mix.         25 °C           Operating temperature mix.         25 °C           Operating t	Operating voltage AC max.	60 V
Operating you talage DC, ULL-steady.         30 V           Current operating per contact max.         4 A           Installation (Continuorection)         Mounting set         M12 x 1           Device protection (Electrical)         M2 x 1           Additional continuor protection degree         inserted, sorewed           Pollution Degree         3           Rated surge voltage         1,5 kV           Machanical data         Wince Control (Control for corrugated hose         without           Machanical data (Material data)         Wince Control for corrugated hose         without           Machanical data (Material data)         Violence           Continuo for filtring         nicke plated           Machanical data (Material data)         Zn. dise-casting           Machanical data (Mounting data)         FKM           Locking antestral         Zn. dise-casting           Machanical data (Mounting data)         Violence diseasting           Mounting method         Inserted, sorewed, Shaking protection           Environmental characteristics (Climatics)           Proviour mental characteristics (Climatics)           Operating temperature range         depending on cable quality           Important installation notes         Violence the connectors by suitable measures from mechanical loads, e.g. by the usage of cable	Operating voltage DC max.	60 V
Current operating per contact max.         4 A           Installation (Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         insented, screwed           Publishen Degree         3           Rated surge voltage         1,5 kW           Meterial group (IEC 608641)         I           Michanical data         Without Control for corrugated hose           Mechanical data   Material data         Without Control pocking           Conting forking         Nickeled           Coating forking         Nickeled           Coating of lifting         rickel plated           Meterial gasket         FKM           Coating material         Znc de-casting           Material gasket         FKM           Conting material         Znc de-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Protecting temperature max           Poperating temperature max         85 °C           Operating temperature max         85 °C           Additional condition temperature max         85 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by th	Operating voltage AC (UL-listed)	30 V
Installation   Connection         Mounting set         M12 x 1           Mounting set Device protection   Electrical         Device protection   Electrical           Debute protection of protection degree         isserted, screwed           Pollution Degree         3           Baded surge voitage         1.5 k/V           Mechanical data         Web           Mechanical data         Web           Contain of fitting         without           Coating of String         Nickeleal           Coating of String         inckel pated           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Mounting method         ince de-casting           Mounting method         ince de-casting           Mounting method         ince ele-casting           Mounting method         seeds, screwed, Shaking protection           Environmental characteristics   Climatic         Protection           Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Actional condition interperature range         despending on cable quality           Important installation rots           Note on bending radius         Protect the connectors by sui	Operating voltage DC (UL-listed)	30 V
Mounting set         M12 x 1           Device protection           Device protection             Additional condition protection degree         3           Pollution Degree         3           Rated surge voltage         1.5 kV           Macharieal group (IEC 6064+1)         1           Mechanical data         Without           Control for corrugated hose         without           Mechanical data   Material data         Without           Coating for fitting         nickeled           Coating of fitting         nickel plated           Multifier all gaskert         PKM           Locking material         Zim de-easting           Material screw connection         Zim de-easting           Mechanical data   Mounting data         Zim de-easting           Material screw connection         Zim de-easting           Mechanical data   Mounting data         Zim de-easting           Material garden by Multifier (Immaterial data)         Zim de-easting           Protect plant plant protection and protection data plant	Current operating per contact max.	4 A
Device protection   Electrical   Additional condition protection degree   inserted, screwed   Pollusion Degree   3   Riared surge voltage   1,5 kV   Material group (IEC 6066-1)       Whichanical data   Contour for corrugated hose   without	Installation   Connection	
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (EC 60664-1)         I           Michanical data         Controur for corrugated hose         without           Michanical data   Material data   M	Mounting set	M12 x 1
Pollution Degree         3           Rated surge voltage         1,5 kV           Mechanical data	Device protection   Electrical	
Rated surge voltage 1,5 kV Material group (IEC 66664-1) I  Continor for corruptated hose without  Mechanical data   Material data  Continor for corruptated hose without  Mechanical data   Material data  Continor for corruptated hose without  Mechanical data   Material data  Continor for group in the continuation of the conti	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)  Mechanical data Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled Coating of litting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mechanical data   Mounting data Mechanical data   Mounting data Mechanical data   Mounting data  Afterior: 25 °C  Conformity  Product standard DIN En 61076-2-101 (M12)  Installation   Cable  Cable identification   S03  Lackela Color violet  Type of Certificate CURus  Anount stranding (type 2) 1  Stranding (type 2) 2   Stranded joints twisted  Cable shielding (type)   Copper braid, finned  Cable shielding (coverage)   55 %  Banding   Poil  Drain wire (cross-section)   22 AWG  Meterial jacket   PUR	Pollution Degree	3
Mechanical data         without           Mechanical data   Material data         Nickeled           Coating locking         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material serve connection         Zinc die-casting           Material serve connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Environmental characteristics   Climatic         FW           Operating temperature min.         25 °C           Operating temperature mina.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         S83           Lasked Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding (type 2)         1           Stranding (type 2)	Rated surge voltage	1,5 kV
Mechanical data         without           Mechanical data   Material data         Nickeled           Coating locking         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material serve connection         Zinc die-casting           Material serve connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Environmental characteristics   Climatic         FW           Operating temperature min.         25 °C           Operating temperature mina.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         S83           Lasked Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding (type 2)         1           Stranding (type 2)	Material group (IEC 60664-1)	I
Coating focing Nickeled Coating forting nickel plated Material gasket FKM Locking material Zinc die-casting Material gracew connection Zinc die-casting Meterial gracew Commented Meterial screw		
Mechanical data   Material data         Nickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material serew connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature reax         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.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard           Installation   Cable         Cable identification           Lost of Color         voilet           Type of Certificate         cull Full Certificate           Amount stranding		without
Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature man.         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 barding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Condentitication         803           Jacket Color         Voilet           Cable identification         803           Jacket Color         violet           Capper of Certificate         CURus           Amount stranding         1           Stranding (type 2)         2 stranded joints twisted           Cable shielding (type)         2 cyper braid, tinned		
Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature man.         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.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Seale identification         803           Jacket Color         violet           Type of Cartificate         cull         Cull           Amount stranding         1         Stranding (type 2)         2 Stranded joints twisted           Cable shielding (type)         copper braid, tin	·	Niekolod
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Methanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.		
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Poperating 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.  Conformity  Product standard DIN EN 61076-2-101 (M12) Installation   Cable  Cable identification 803 Jacket Color violet Type of Certificate cURus Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted Amount stranding (type 2) 2 Stranded joints twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 65 % Banding Foil Drain wire (cross-section) 22 AWG wire arrangement (white, blue), (black, red) Traversing distance (C-track) 5 m Cable weight 68,12 g/m Material jacket Protections.		'
Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Compariting temperature min.         -25 °C           Operating temperature man.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Product standard         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         BIN EN 61076-2-101 (M12)           Installation   Cable         S03           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding (type 2)         2 Stranded joints twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (cove	-	
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.		
Mounting method inserted, screwed, Shaking protection  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.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 803  Jacket Color violet Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Amount stranding (type 2) 2 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  Drain wire (cross-section) 22 AWG  wire arrangement (white, blue), (black, red)  Traversing distance (C-track) 5 m  Cable weight Material jacket PUR		Zirio die-casting
Environmental characteristics   Climatic Operating temperature min.		
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Important installation notes           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard           DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         803           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           Amount stranding (type 2)         1           Stranding (type 2)         2 Stranded joints twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         65 %           Banding         Foil           Drain wire (cross-section)         22 AWG           wire arrangement         (white, blue), (black, red)           Traversing distance (C-track)         5 m		
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 803 Jacket Color violet  Type of Certificate cURus  Amount stranding 1 Stranding 2 wires twisted  Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted  Cable shielding (type 2) Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  Drain wire (cross-section) 22 AWG  wire arrangement (white, blue), (black, red)  Traversing distance (C-track) 5 m  Cable weight 63,12 g/m  Material jacket	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 803  Jacket Color violet  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 2 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  Drain wire (cross-section) 22 AWG  wire arrangement (white, blue, (black, red)  Traversing distance (C-track) 5 m  Cable weight ABACC ALL ARL ARL ARL ARL ARL ARL ARL ARL ARL	Operating temperature min.	-25 °C
Important installation notes           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         803           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           Amount stranding (type 2)         1           Stranding (type 2)         2 Stranded joints twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         65 %           Banding         Foil           Drain wire (cross-section)         22 AWG           wire arrangement         (white, blue), (black, red)           Traversing distance (C-track)         5 m           Cable weigth         63,12 g/m           Material jacket         PUR	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  Cable identification 803 Jacket Color violet  Type of Certificate cURus  Amount stranding 1 Stranding 2 wires twisted  Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  Drain wire (cross-section) 22 AWG  wire arrangement (white, blue), (black, red)  Traversing distance (C-track) 5 m  Cable weigth 63,12 g/m  Material jacket PUR	Additional condition temperature range	depending on cable quality
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 803  Jacket Color violet  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 2 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  Drain wire (cross-section) 22 AWG wire arrangement (white, blue), (black, red)  Traversing distance (C-track) 5 m  Cable weigth 63,12 g/m  Material jacket PUR	Important installation notes	
endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 803  Jacket Color violet  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 2 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  Drain wire (cross-section) 22 AWG wire arrangement (white, blue), (black, red)  Traversing distance (C-track) 5 m  Cable weigth 63,12 g/m  Material jacket PUR	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Installation   CableCable identification803Jacket ColorvioletType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)65 %BandingFoilDrain wire (cross-section)22 AWGwire arrangement(white, blue), (black, red)Traversing distance (C-track)5 mCable weigth63,12 g/mMaterial jacketPUR	Conformity	
Installation   CableCable identification803Jacket ColorvioletType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)65 %BandingFoilDrain wire (cross-section)22 AWGwire arrangement(white, blue), (black, red)Traversing distance (C-track)5 mCable weigth63,12 g/mMaterial jacketPUR	Product standard	DIN EN 61076-2-101 (M12)
Cable identification 803  Jacket Color violet  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 2 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  Drain wire (cross-section) 22 AWG  wire arrangement (white, blue), (black, red)  Traversing distance (C-track) 5 m  Cable weigth Material jacket PUR	Installation   Cable	
Type of Certificate cURus  Amount stranding 1 Stranding 2 wires twisted  Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  Drain wire (cross-section) 22 AWG wire arrangement (white, blue), (black, red)  Traversing distance (C-track) 5 m  Cable weigth Material jacket PUR	·	803
Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 2 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  Drain wire (cross-section) 22 AWG  wire arrangement (white, blue), (black, red)  Traversing distance (C-track) 5 m  Cable weigth 63,12 g/m  Material jacket		
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Banding Foil Drain wire (cross-section) 22 AWG wire arrangement (white, blue), (black, red) Traversing distance (C-track) 5 m Cable weigth 63,12 g/m Material jacket PUR	Cable shielding (type)	· · · · · · · · · · · · · · · · · · ·
Drain wire (cross-section)  22 AWG wire arrangement (white, blue), (black, red)  Traversing distance (C-track)  5 m  Cable weigth 63,12 g/m  Material jacket PUR	Cable shielding (coverage)	65 %
wire arrangement (white, blue), (black, red)  Traversing distance (C-track) 5 m  Cable weigth 63,12 g/m  Material jacket PUR	Banding	Foil
Traversing distance (C-track) 5 m  Cable weigth 63,12 g/m  Material jacket PUR	Drain wire (cross-section)	22 AWG
Cable weigth 63,12 g/m Material jacket PUR	wire arrangement	(white, blue), (black, red)
Material jacket PUR	Traversing distance (C-track)	5 m
	Cable weigth	63,12 g/m
Shore hardness jacket 90 ± 5 Shore A	Material jacket	PUR
	Shore hardness jacket	90 ± 5 Shore A

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: 2024-05-03



Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PE
Amount wires	2
Outer diameter insulation	2,1 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	64 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Drain wire (cross-section)	22 AWG
Material conductor wire	copper stranded wire, tinned
Electrical function wire	Data
Material wire insulation (Data)	PE
Outer diameter wire insulation (Data)	1,5 mm
Tolerance outer diameter wire insulation (data)	± 53 %
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	19
Diameter of single wires (Data)	22 AWG
Conductor crosssection wire (Data)	22 AWG
Material conductor wire (Data)	copper stranded wire, tinned
Electrical function wire (data)	Power
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Current load capacity min. Wire (Data)	6 A
Electrical function wire	Data
Electrical function wire (data)	Power
Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Electrical resistance line constant wire	78 Ω/km
Electrical resistance coating wire (Data)	54 Ω/km
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	40000 pF/km
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
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
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	1 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min