

## M12 Power male 0° / female 0° S-cod.

PUR 4x1.5 bk UL/CSA+drag ch. 15m

Male straight – female straight M12 – M12, 4-pole

S-coded

Plastic housings with good resistance against chemicals and oils.

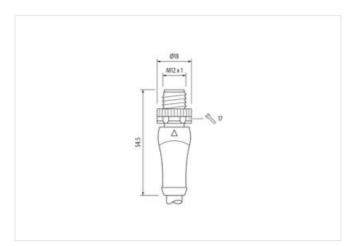
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

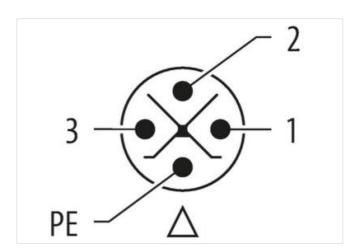
## **Link to Product**

## Illustration



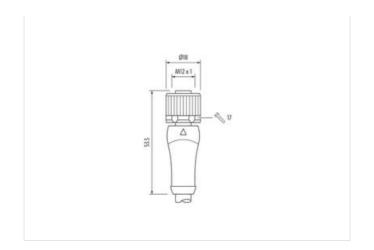


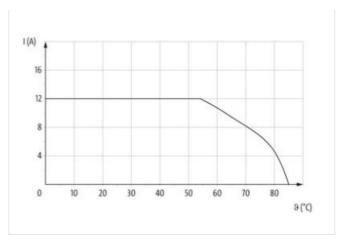


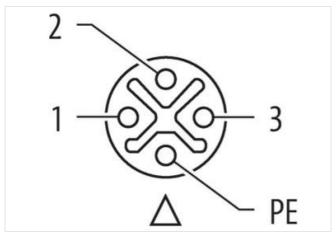




stay connected







Product may differ from Image











Cable length	15 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	12 mm
Coding	S
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Thread	M12 x 1
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218



stay connected

ECLASS-101 27000311  ECLASS-117. 27000317  ECLASS-120 27000317  ETIM 5 0 ECO-1855  ETIM 5		
ECLASS-11.0   27000317   CLASS-12.0   27000377   CLASS-12.0   27000377   CLASS-12.0   27000377   CLASS-12.0   27000377   CLASS-12.0   CLASS-12.0   27000377   CLASS-12.0   C	ECLASS-9.0	27060327
ECA.58-7.2.0   27900327   ECIM 5.0   ECO01856   ECO01	ECLASS-10.1	27060311
ETMA 5.0         ECO01865           CRIN         404887968921           CRIN         404887968921           Peackaging unit         1           Electrical data   Supply         1           Operating voltage AC max.         600 V           Operating voltage AC max.         600 V           Initialization Commedion         V           Width across fats         SW17           Device protection (Electrical         SW27           Poeyroe of protection (EN IEC 60829)         IP96, IP67           Additional condition protection degree         insented, screwed           Pollution Degree         3           Additional condition protection degree         insented, screwed           Pollution Degree         3           Additional condition protection degree         insented, screwed           Makerial protecting storage (IEC 8084-1)         I           Mechanical data   Material data         V           Material policyting protection         PLR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Zinc die-casting           Mechanical data   Mounting data         Zinc die-casting           Mounting method         insented, screwed, Shaking protection           E		
Electrical data   Supply  Florenting voltage AC max. 600 V  Current operating per contact max. 12 A  Current operating		27060327
CTINN 4048679669221  Teachaging unit 1  Facebraign data   Supply   Superiary voltage AC max. 800 V   Superia	ETIM-5.0	
Packaging unit 1  Electrical data   Supply  Doparating voltage AC max. 600 V  Current operating per contact max. 12 A  Installation   Connection  With across fiats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529)   IP65, IP67  Additional condition protection degree   Inserted, screwed   Perblation Degree   SW7  Enter and protection   Electrical   Immediate   Imme		
Petertical data   Supply   Coperating voltage AC max.   600 V   Courrent operating per contact max.   12 A   Courrent operating condition   Courrent operation	GTIN	4048879669221
Current operating pro contact max. 12 A  Current operating per contact max. 12 A  Installation   Connection  With across filts SW17  Device protection   Electrical  Degree of protection (EN EC 60529)   P65, 1967  Additional condition protection degree   Inserted, screwed   Pollution Degree   S    Rated surge voltage   6 kV    Makerial group (IEC 60664-1)   I  Mechanical data   Material data    Coating locking   Nickeled    Material prosents   FMM    Material group in the material condition of the material protection of the mater	Packaging unit	1
Durwind operating per contact max.   12 A	Electrical data   Supply	
Installation   Connection         Wilth arose fields         SW17           Device protection   Ebectrical         Device protection (EN IEC 60529)         IP65. IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Radiad surge voltage         6 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Macerial group (IEC 60664-1)         I           Mechanical data   Material data         PUR           Coaring booking         Nickeled           Material possing         PUR           Cooking material         Zuro de-easting           Mechanical data   Mounting data         Inserted, screwed. Shaking protection           Environmental characteristics   Climatic         Inserted.           Environmental characteristics   Climatic         Inserted.           Environmental characteristics   Climatic         Inserted.           Environmental characteristics   Climatic         Inserted.           Coperating temperature max.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range deeping on cable quality           Important installation notes.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable	Operating voltage AC max.	600 V
	Current operating per contact max.	12 A
Degree of protection   Electrical   P65, P67   P66, P67   P67   P66, P67   P6	Installation   Connection	
Degree of protection (EN IEC 60529) IP65, IP67 Additional condition protection degree inserted, screwed inserted, screwed inserted, screwed inserted surge voltage 6 kV Material group (IEC 6064-1) I  Mechanical data   Machanical data   Mounting data   Machanical data	Width across flats	SW17
Degree of protection (EN IEC 60529) IP65, IP67 Additional condition protection degree inserted, screwed inserted, screwed inserted, screwed inserted surge voltage 6 kV Material group (IEC 6064-1) I  Mechanical data   Machanical data   Mounting data   Machanical data	Device protection   Electrical	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 6 kV  Material group (IEC 60664-1) 1  Mechanical data   Material data  Coating looking Nickeled Material pasket FKM Material housing PUR Addetrial pasket FKM Material housing PUR Locking material 2 Incertification   Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature max 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.  Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard IEC 61076-2-111  Installation   Cable wire arrangement   green-yellow, blue 3, white 2, brown 1  Cable identification   P66  Cable Type   3  Printing color of wire insulation   black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color   black (white isolation), white (isolation brown)  Jacket Color   black (white isolation), white (isolation brown)  Jacket Color   black (white isolation), white (isolation brown)   14,4 g/m  Auterial jacket   PUR  Freedom from ingredients (jacket)   90.5 Shore A  Freedom from ingredients (jacket)   60.4 Shore A  Freedom from		IDSE IDS7
Pollution Degree 3 Rated surge voltage 6 kV Material group (IEC 606841) I Mechanical data   Material data  Coating locking Nickeled Material gasket FKM Material gasket PFM Material gasket PFM Material gasket PFM Material gasket PFM Mounting method Inserted Street Street PFM Mounting method Inserted Street PFM Mounting method Inserted Street St		
Rated surge voltage 6 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating looking Nickeled  Material gasket FKM  Material housing PUR  Locking material toward   FKM  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min. 25 °C  Operating temperature max. 85 °C  Additional condition temperature max. 85 °C  Additional condition temperature max. 65 °C  Additional condition temperature max. 85 °C  Additional strain 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 ondangered by excessive bending forces.  Conformity  Product standard IEC 61076-2-111  Installation   Cable  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification   P06  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jackel Color black  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 g/m  Material jacket PUR  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking Nickeled  Material gasket FKM  Material pasket PUR  Locking material   Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method condition temperature min. 25° °C  Operating temperature max. 85° °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on brain 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 IEC 61076-2-111  Installation   Cable  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P66  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification CP6  Cortificate current green-yellow, blue 3, white 2, brown 1  Cable weight 114.4 g/m  Material jacket PUR  Shore hardness jacket PUR  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	-	
Mechanical data   Material data Coating locking Nickeled Material pasket FKM Material housing PUR Locking material Zinc die-casting  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min 25 °C Operating temperature min 25 °C Operating temperature many 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 IEC 61076-2-111  Installation   Cable  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Cable Type 3  Profect disciplina, white (isolation blue), white (isolation brown)  Jacket Color black  Arronnel Stranding 1  Stranding 4 wires twisted  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable engith 114,4 g/m  Material jacket Shore hardness jacket PUR  Shore hardness jacket PUR  Freedom from ingredients (jacket) 90 ± 5 Shore A  Freedom from ingredients (jacket) 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Coating locking Nickeled  Material gasket FKM  Material housing PUR  Locking material zokeing material Zore de-asting  Mechanical date   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min. 25 °C  Deparating temperature max. 85 °C  Additional condition temperature max. 85 °C  Mounting method deparature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard Ec 61076-2-111  Installation   Cable wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Poficialle Type 3  3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black  Type of Certificate CURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigh 114,4 g/m  Material jacket PUR  Material jacket 90 £ 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, sillicone-free		1
Material gasket FKM Material housing PUR Locking material Locking material Locking material Mechanical data   Mounting data Mechanical data   Mounting data Mechanical data   Mounting data 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 IEC 61076-2-111  Installation   Cable wire arrangement green-yellow, blue 3, white 2, brown 1 Cable identification P66 Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1 Cable weigth 114.4 g/m Material jacket Shore A Freedom from ingredients (jacket) 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Material housing PUR Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min.	Coating locking	
Mechanical data   Mounting data   Mounting method   Inserted, screwed, Shaking protection		
Mechanical data   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. 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   EC 61076-2-111   Installation   Cable   wire arrangement   green-yellow, blue 3, white 2, brown 1 Cable identification   P06 Cable Type 3 Printing color of wire insulation   black (white isolation), white (isolation blue), white (isolation brown) Jacket Color   black Type of Certificate   cURus Amount stranding   1 Stranding   4 wires twisted   wire arrangement   green-yellow, blue 3, white 2, brown 1 Cable weight   114, 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		
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 IEC 61076-2-111  Installation   Cable  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Locking material	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard IEC 61076-2-111  Installation   Cable  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weight 114,4 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	Mechanical data   Mounting data	
Operating temperature min.  25 °C Operating temperature max.  85 °C Additional condition temperature range depending on cable quality  Important installation notes 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 IEC 61076-2-111  Installation   Cable wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P66 Cable identification black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black Amount stranding I  Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weight 114,4 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	Mounting method	inserted screwed Shaking protection
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 IEC 61076-2-111  Installation   Cable wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation brown)  Jacket Color black Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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		mortod, orionad, charang protodion
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Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard IEC 61076-2-111  Installation   Cable wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic  Operating temperature min.	-25 °C 85 °C
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard IEC 61076-2-111  Installation   Cable wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	-25 °C 85 °C
Product standard IEC 61076-2-111  Installation   Cable wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	-25 °C 85 °C depending on cable quality
Product standard IEC 61076-2-111  Installation   Cable  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	-25 °C  85 °C  depending on cable quality  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
wire arrangement green-yellow, blue 3, white 2, brown 1 Cable identification P06 Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1 Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius	-25 °C  85 °C  depending on cable quality  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
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Cable identification P06 Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1 Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard	-25 °C  85 °C  depending on cable quality  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.
Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color black  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable	-25 °C  depending on cable quality  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.  IEC 61076-2-111
Printing color of wire insulation black (white isolation), white (isolation brown)  Jacket Color black Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement	-25 °C  85 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1
Uacket Color  Type of Certificate  CURus  Amount stranding  1  Stranding  4 wires twisted  wire arrangement  Cable weigth  114,4 g/m  Material jacket  PUR  Shore hardness jacket  90 ± 5 Shore A  Freedom from ingredients (jacket)  black  CURus  4 wires  green-yellow, blue 3, white 2, brown 1  114,4 g/m  PUR  Shore hardness jacket  PUR  Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation   Cable wire arrangement Cable identification	-25 °C  85 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06
Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type	-25 °C  85 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3
Amount stranding  4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation	-25 °C  85 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3  black (white isolation), white (isolation blue), white (isolation brown)
Stranding 4 wires twisted wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color	-25 °C  85 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3  black (white isolation), white (isolation blue), white (isolation brown)  black
wire arrangement green-yellow, blue 3, white 2, brown 1  Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate	-25 °C  85 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3  black (white isolation), white (isolation blue), white (isolation brown)  black  cURus
Cable weigth 114,4 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	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color	-25 °C  85 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3  black (white isolation), white (isolation blue), white (isolation brown)  black  cURus
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate	-25 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3  black (white isolation), white (isolation blue), white (isolation brown)  black  cURus  1
Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding	-25 °C  85 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3  black (white isolation), white (isolation blue), white (isolation brown)  black  cURus  1  4 wires twisted
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding	-25 °C 85 °C depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06 3 black (white isolation), white (isolation blue), white (isolation brown) black cURus 1 4 wires twisted green-yellow, blue 3, white 2, brown 1
	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	-25 °C  85 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3  black (white isolation), white (isolation blue), white (isolation brown)  black  cURus  1  4 wires twisted  green-yellow, blue 3, white 2, brown 1  114,4 g/m
Outer-diameter (jacket) 7,2 mm	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	-25 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3  black (white isolation), white (isolation blue), white (isolation brown)  black  cURus  1  4 wires twisted  green-yellow, blue 3, white 2, brown 1  114,4 g/m  PUR
	Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius  Conformity Product standard Installation   Cable wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	-25 °C  depending on cable quality  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.  IEC 61076-2-111  green-yellow, blue 3, white 2, brown 1  P06  3  black (white isolation), white (isolation blue), white (isolation brown)  black  cURus  1  4 wires twisted  green-yellow, blue 3, white 2, brown 1  114,4 g/m  PUR  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: 2024-05-19



Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	2,3 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown)
Amount strands (wire)	84
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	1,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	14,4 A
Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
Min. operating temperature (static)	-50 °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 § 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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min