

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

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

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

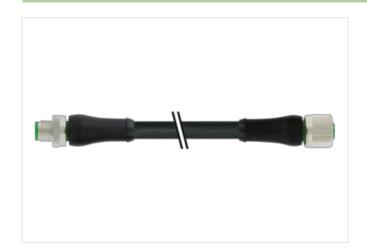
S-coded

Plastic housings with good resistance against chemicals and oils.

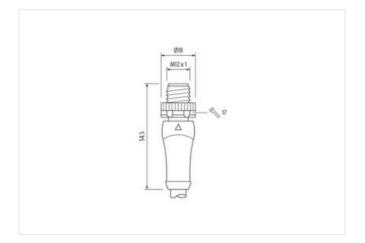
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

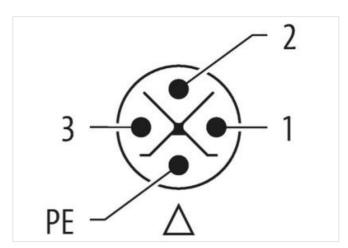
## **Link to Product**

## Illustration



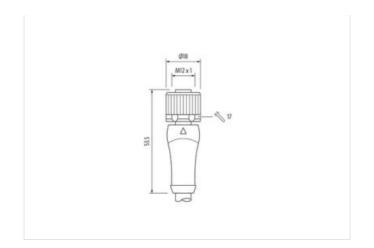


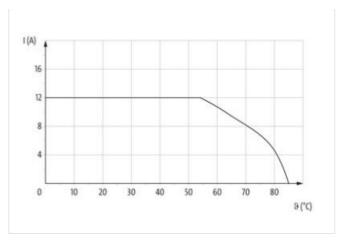


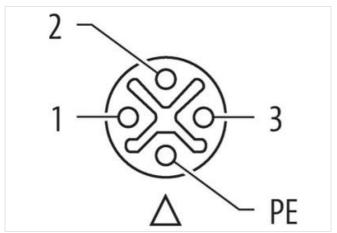




stay connected







Product may differ from Image











Cable length 5 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 9.0         27969327           ECLASS 10.1         27969311           ECLASS 11.9         27969327           ETMA 5.0         ED001855           custions laiff number         8544290           GTN         404867963213           Packaging unit         1           Electrical data Supply         Electrical data Supply           Operating voltage AC max         600 V           Current copariting por toroisted max         12 A           Installation Copariting por toroisted max         8544290           Wolff across flats         SW17           Device protection (EN IEC 65529)           Pepsee of protection (EN IEC 65529)         IPES, IPET           Additional condition protection degree         inserted, acrowded           Pollution Diagne         3           Related aurgo voltage         6 NV           National group (IEC 65624)         1           Makerial group (IEC 66664-1)         1           Makerial group (IEC 66664-1)         2           Mechanical data (Ime		
ECLASS 111         27060311           ECLASS 12.0         27060327           ETIM-5.0         EC001885           customs suff number         8444260           GTIN         404879653213           Peckerjang unts         I           Electrical data [supply         Vocariang vallaga AC max.         600 V           Current operating per contact max.         12 A           Installation   Connection         With across falls         SW17           Povice protection   Electrical         With across falls         SW17           Povice protection   Electrical         Installation   Connection (With across falls)         PVP           Povice protection   Electrical         Installation   Connection (With across falls)         PVP           Borgue of protection (EN) EC 605289   P95, P97         PACAGISmal Confidence (With across falls)         RVP           Market all pounds of protection (EN) EC 605441   I         I         Mechanical data   Mechanical	ECLASS-9.0	27060327
ECLASS-120         27060327           ETIMS-0         ECD05565           CATIN         4948879653213           GTIN         4948879653213           Packaging unit         1           Electrical data [Supply           Operating vallage AC max.         600 V           Current operating per conduct max.         12 A           Installation   Connection         With account of the Connection   Everation   Everati		27060311
ETMA 5.0         ECX01985           customs fairff number         85444290           GTN         4048879682813           Packaging unit         1           Electrical data [Supply         Corrent operating per contact max.           Operating voltage AC max.         600 V           Current operating per contact max.         12 A           Installation [Connection         V           Width across flats         SW17           Device protection [IN IEC 60529)         IP65, IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         6 kV           Material group (IEC 60564-1)         I           Mechanical data [Mounting data         Nickeled           Material possing         PUR           Locking material         Zinc dis-casting           Mechanical data [Mounting data         PUR           Mechanical data [Mounting data         Pure dis-casting           Mechanical data [Mounting data         Just dis-casting           Mechanical data [Mounting data         Just dis-casting           Mechanical data [Mounting data         Just dis-casting portection           Poperating temperature max.         25 °C		
customs tariff number         85444290           GTN         4494879633213           Perkokging unit         1           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         12 A           Visitation   Connection         VIVI           Degree of protection   Electrical         VIVI           Degree of protection (EN IEC 60529)         P86, IP67           Additional condition protector degree         18 A           Pollution Degree         3           Rated surge voltage         6 NV           Macteral group (IEC 60664-1)         I           Mechanical data   Material data         Inchesed group (IEC 60664-1)           Material processing         PUR           Locking material         2 PUR           Locking material         2 PUR           Locking material         1 PUR           Mechanical data   Munting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climate         Control           Poperating temperature mix.         25 °C           Operating temperature mix.         25 °C           Operating temperature mix.         65 °C           Additional condition temperature mix. <td< td=""><td></td><td>27060327</td></td<>		27060327
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Packaging unit         1           Electrical data   Supply         600 V           Current operating value AC max.         600 V           Current operating per contact max.         12 A           Unitabilation   Connection         With across 16 Mark 18 Mark 19 Mark 18 Mark 18 Mark 19 Mark 19 Mark 18 Mark 19 Ma		
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Description per contact max.   12 A	Electrical data   Supply	
Installation   Connection         SW17           Device protection   Electrical         Device protection   Electrical           Degree of protection (EN EC 68629)         IP65, IP67           Additional condition protection degree         inserted, screwed           Pollution Dogree         3           Rated surge voilage         6 kV           Metarial group (EC 60664+1)         I           Mechanical datal Material data         KKM           Material gasket         FKM           Material phousing         PUR           Locking material         Zinc die-casting           Mechanical datal Mounting data         Mounting method           Environmental characteristics (Climatio         Coperating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Violen 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 endanged by excessive bending forces. <th< td=""><td>Operating voltage AC max.</td><td>600 V</td></th<>	Operating voltage AC max.	600 V
Device protection   Electrical	Current operating per contact max.	12 A
Degree of protection   Electrical   Peps, IPe7   Additional condition protection degree   inserted, screwed   Pollution Degree   3   Rated surge voltage   6 kV   Material group (IEC 606641)   I   Mechanical data   Meterial data   Mechanical data   Meterial data   Material gasket   FKM   Material gasket   FKM   Material gasket   FKM   Meterial data   Meterial data   Mechanical data   Mounting   PUR   Locking material   Zinc die casting   Mechanical data   Mounting data   Mecha	Installation   Connection	
Degree of protection (EN IEC 60529) IP65, IP67 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voilage 6 kV Material group (IEC 60684-1) I Mechanical data   Material data  Cataling locking Nickeled Material gasket FKM Material gasket FKM Material housing PUR Locking material   Zinc die-asting  Mechanical data   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature min25 °C Additional condition temperature range depending on cable quality  Important installation notes  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 IEC 61076-2-111  Installation   Cable wire anagement green yellow, blue 3, white 2, brown 1 Cable dentification   P06 Cable identification   Slack (White isolation), white (isolation brown) Jacket Color   black 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 Freedom from ingredients (jacket)   PUR Freedom from ingredients (jacket)   Eucl-free, badogen-free, silicone-free	Width across flats	SW17
Degree of protection (EN IEC 60529) IP65, IP67 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voilage 6 kV Material group (IEC 60684-1) I Mechanical data   Material data  Cataling locking Nickeled Material gasket FKM Material gasket FKM Material housing PUR Locking material   Zinc die-asting  Mechanical data   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature min25 °C Additional condition temperature range depending on cable quality  Important installation notes  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 IEC 61076-2-111  Installation   Cable wire anagement green yellow, blue 3, white 2, brown 1 Cable dentification   P06 Cable identification   Slack (White isolation), white (isolation brown) Jacket Color   black 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 Freedom from ingredients (jacket)   PUR Freedom from ingredients (jacket)   Eucl-free, badogen-free, silicone-free	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 locking Nickeled  Material posking PUR  Additional condition protection of FKM  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 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 ended by excessive bending forces.  Conformity  Product standard IEC 61076-2-111  Installation   Cable  wite arrangement green-yellow, blue 3, white 2, brown 1  Cable identification P06  Cable Type 3  Printing color of vior insulation   black (white isolation), white (isolation brown)  Jacket Color   black (white isolation), white (isolation		IDCE IDC7
Foliution Degree 3 Rated surge voltage 6 kV  Material group (IEC 608641) 1  Mechanical datal Material data  Material gasket FKM  Material gasket FKM  Material gasket PPR  Locking material Zinc die-casting  Mechanical datal Mounting data  Mounting method inserted, screwed, Shaking protection  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 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 IEC 61076-2-111  Installation (Cable  wire arrangement generature green-yellow, blue 3, white 2, brown 1  Cable (Amitication podicion be institution)  Jakek (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 Divine Material gasket  PUR  Freedom from ingredients (jacket)   PUR  Freedom from ingredients (jacket)   PUR  Freedom from ingredients (jacket)   PUR		
Rate of surgo voltage         6 kV           Material group (IEC 60664-1)         I           Mechanical data [Material data]         I           Coating locking         Nickeled           Material gasket         FKM           Material housing         PUR           Locking material         Zinc die-casting           Mechanical data [Mounting data]         Wechanical data [Mounting data]           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on brain 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         IEC 61076-2-111           Installation   Cable         General permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Cable identifi		
Material group (IEC 60664-1)         I           Mechanical data   Material data         Mechanical data   Material data           Coating locking         Nickeled           Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         The constrain relief         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.           Contormity         Protect sandard         IEC 61076-2-111           Installation   Cable         Service of protection of protection class can be endangered by excessive bending forces.           Cable identification         P06           Cable identification         P06           Ca	-	
Mechanical data   Material data         Nickeled           Material gasket         FKM           Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting method           Environmental characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         35 °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         Froduct standard         IEC 61076-2-111           Installation   Cable         wire arrangement         green-yellow, blue 3, white 2, brown 1           Cable identification         P06           Cable identification         P06           Cable rype         3           Printing color of wire insulation         black (white isolation), white (isolation blue), white (isolation brown)           Jacket Color         black		
Coating locking         Nickeled           Material gasket         FKM           Material housing         PUR           Locking material         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 range         depending on cable quality           Important installation notes         Vote on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         IEC 61076-2-111           Installation   Cable         Wire arrangement         green-yellow, blue 3, white 2, brown 1           Cable identification         P06           Cable identification         P06           Cable Type         3           Printing color of wire insulation         black (white isolation), white (isolation blue), white (isolation brown)           Jacket Color         black (white isolation)           Type of Certificate         cURus <tr< td=""><td></td><td>·</td></tr<>		·
Material pasket FKM Material possing PUR Locking material Zinc de-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.		
Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         IEC 61076-2-111           Installation   Cable         Wire arrangement         green-yellow, blue 3, white 2, brown 1           Cable identification         P06           Cable identification         P06           Cable identification         P06           Cable (Color         black           Type of Certificate         URBus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         green-yellow, blue 3, white 2, brown 1           Cable weigth         114.4 g/m <td></td> <td></td>		
Locking material Zinc die-casting  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.  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 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		
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max85 °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 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   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.  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 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	Locking material	Zinc die-casting
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 IEC 61076-2-111  Installation   Cable  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable Type 3  Typinding 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 wight 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.  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.  Contormity  Product standard IEC 61076-2-111  Installation   Cable  wire arrangement green-yellow, blue 3, white 2, brown 1  Cable identification Po6  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	A Property of the Control of the Con	
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 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 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
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 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		inserted, screwed, Shaking protection
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         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	
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	Environmental characteristics   Climatic Operating temperature min.	-25 °C
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  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 weigh  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.	-25 °C 85 °C
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  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 weigh  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 Important installation notes Note on strain relief	-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
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 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
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 Conformity	-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 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 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.
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
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 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 Itype	-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  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 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)
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	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
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
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 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
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 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 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
	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 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 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
	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 Shore hardness jacket	-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  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: 2024-05-20



stay connected	1
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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 mm²
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