

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

PUR 4x1.5 bk UL/CSA+drag ch. 2.5m

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

S-coded

Plastic housings with good resistance against chemicals and oils.

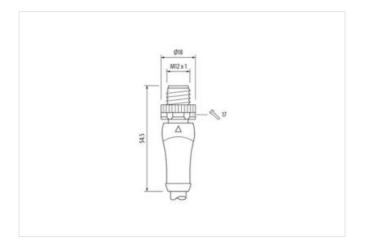
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

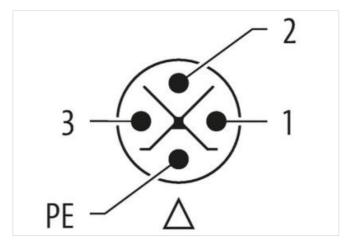
## **Link to Product**

## Illustration



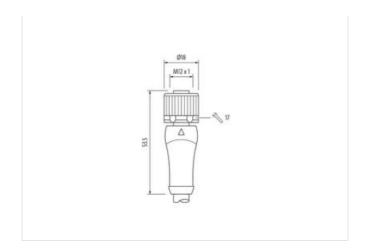


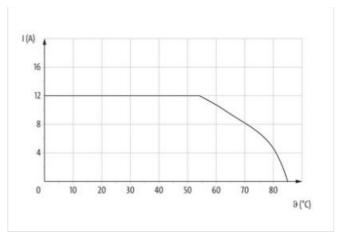


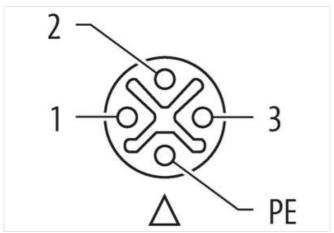




stay connected







Product may differ from Image











Cable length	2,5 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

EGLASS.101         27660311           EGLASS.120         27660327           ETIM.5.0         ESO 1855           CALLOSS.120         8544280           GTIN         465906005457           Fackularia unit         1           Electrical disal Suppy           Operating vallage AC max.         600 V           Current operating per contact max.         12 A           Trainabilation (Connection           Width Amount of Protection (EN IRC 60589)         P65, IP67           Additional condition protection (EN IRC 60589)         IP65, IP67           Additional condition protection degree         Insent of Acquarter of Ac		
ECLASS 111         27060327           ECLASS 12.D         27060327           ETMA-6.D         EC001895           customs tariff number         85444280           GTIN         405590906457           Peachaging unit         1           Electrical data [supply         600 V           Current operating per contact max.         600 V           Installation [Connection         WITH           With across falls         SW17           Device protection [Electrical         Device protection [Electrical Degree of Political Degree of Politica	ECLASS-9.0	27060327
EGLASS-120         2F006827           ETIM-S 0         EC001855           COTIN         48549290           GTIN         495899085457           PASAging unit         1           Electrical data [Supply         500 V           Operating voltage AC max.         600 V           Current operating per contact max.         12 A           Installation   Connection         WIV17           Degree of protection [EN IEC 66929)         PB5, IP67           Additional condition protection degree         1867, IP67           Additional condition protection degree         18 A           Problem Degree         3           Reads surge voltage         6 KV           Material goate (EC 668641)         I           Michanical data   Minerial data         IK6 Medical and Image and I		27060311
ETMA 5.0         ECO19 1855           Customs is airff member         85444290           GTN         4665900684157           Packaging unt         1           Electrical data   Supply         1000 V           Operating voltage AC max.         600 V           Current toperating per contact max.         12 A           Installation   Commencior         Wath across flats           Wath across flats         SW17           Device protection   Electrical         Device protection (R IN EC 68852)           Degree of protection (R IN EC 68852)         IPSS, IPSF           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Radid surge voltage         6 kV           Material group (EC 80864-1)         1           Machinal group (EC 80864-1)         1           Machinal group (EC 80864-1)         PUR           Coding locking         PUR           Material group (EC 80864-1)         PUR           Locking locking         PUR           Coding locking locking         PUR           Material group (EC 80864-1)         PUR           Locking lo		
customs tariff number         85446290           GTIN         4068990065497           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per consact max.         12 A           Verbal across fata         SW17           Degree of protection [Enctrical         Verbal across fata           Degree of protection (EN IEC 60829)         IP65, IP67           Additional condition protection degree         3           Pollution Degree         3           Rated surge voltage         6 kV           Multivarial group IEC 60064-1)         I           Mechanical data   Material data         Incentive all groups   I		27060327
CTIN         4055900065457           Packaging unit         1           Electrical of als Supply         Current operating voltage AC max.         600 V           Current operating per contact max.         12 A           Installation [Connection         Width across fatas         SW17           Device protection [Electrical         Device protection [Electrical           Degree of protection (IN IEC 60529)         IPS5, IP67           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Rated surge voltage         6 kV           Mechanical data [Material data]         Mickeled           Meterial group (IEC 60564+1)         I           Mechanical data [Material data         FKM           Malaterial rousing         PIR           Unclosing material         Zinc decasting           Mechanical data [Mounting data         Minerial floring properature max.           Mounting method         Injected, screwed, Shaking protection           Environmental characteristics   Climate         Conditional condition properature max.         85 °C           Operating temperature max.         85 °C         Conditional condition represented and period of protection disas can be ending are disasted protection disas can be ending are disasted protection disas can be ending are disasted prote		
Packaging unit         1           Electrical data   Supply         600 V           Current operating per contact max.         600 V           Unrent operating per contact max.         12 A           Unstallation   Connection         With across flats         SW17           Device protection   Electrical         Unable of protection (EN IEG 60529)         IPS6, IPS7           Degree of protection (EN IEG 60529)         IPS6, IPS7         Power of protection (EN IEG 60529)         IPS6, IPS7           Publicon Dogon         3         3         3         3           Radied surge voltage         6 KV         4 <td></td> <td></td>		
Petertinal data   Supply   Cperating voltage AC max.   600 V   Current operating per contact max.   12 A   Current operation (PM IEC 60628)   P65. IP67   Current operation (PM IEC 60628)   P65. IP67   Current operation protection degree   inserted, screwed   Current operation operation operation of the Current operation operation of the Current operation opera		
Operating voltage AC max.         600 V           Current operating per contact max.         12 A           Installation   Connection         Wildh across flats           Wildh across flats         SW17           Degree of protection   ENIEC 60529)         IP65, IP67           Additional condition protection degree         installation protection degree           Pollusion Degree         3           Rade day ye voltage         6 NV           Macterial gasket         FM           Mechanical data   Material data         Nickeled           Material posking         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         PUR           Mounting method         insertad, screwed, Shaking protection           Environmental characteristics   Climatic         Contraction of the protection o	Packaging unit	1
Current operating per contact max. 12 A  Installation   Connection    Width across flats   SW17  Device protection   Electrical    Degree of protection (EN IEC 60529)   IP65, IP67    Additional condition protection degree   Inserted, screwed    Follution Degree   3    Rated suges voltage   6 kV    Metarial group (IEC 60541)   I  Mechanical data   Material data    Material group (IEC 60541)   I  Mechanical data   Material data    Material group (IEC 60541)   I  Mechanical data   Material data    Material plosking   Nickeled    Material plosking   Nickeled    Material plosking   PUR  Mechanical data   Mounting data    Mounting method   Inserted, screwed, Shaking protection    Environmental characteristics   Climatic    Operating temperature max.   85 °C    Additional condition temperature range   depending on cable quality    Important Installation notes    Note on bending radius   Altention: Coserve the permissible bending radii when laying cables, as the IP protection class can be ordurigated by excessive bending forces.  Conformity    Product standard   IEC 61076-2-111    Installation   Coble    wire arrangement   green-yellow, blue 3, white 2, brown 1    Cable identification   P06    Cable Type   3    Printing calor of wire insulation   black (white isolation), white (isolation blue), white (isolation brown)    Jacket Color    Type of Certificate   Culrus    Amount stranding   1    Stranding   4 wires twisted    Wires twisted   PUR    Foredom from ingredients (jacket)   PUR    Foredom from ingredients (jacket)    Foredom from ingredients (jacket	Electrical data   Supply	
Installation   Connection         SW17           Device protection   Electrical         Device protection (EN EC 60529)         IP65, IP67           Additional condition protection degree         Insarted, screwed           Pollution Degree         3           Rated surge vortage         6 kV           Methanical data   Macriell data         WE (Capacity Institution)           Caching looking         Nickeled           Material gasket         FKM           Material prousing         PUR           Locking material         Zon die casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         25 °C           Additional condition temperature range.         25 °C           Operating temperature max.         25 °C           Additional condition temperature range.         25 °C           Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable rise.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable rise.           Conformity         Protect standard         IEC 61076-2-111           Installation ( cable         IEC 61076-2	Operating voltage AC max.	600 V
With across flats         SW17           Degree of protection (EN IEC 60529)         IP65, IP67           Additional condition protection degree         186, IP67           Additional condition protection degree         3           Rated surge voltage         6 kW           Material group (IEC 6064-1)         1           Mechanical data   Material data         Mickeled           Material plossing         Nickeled           Material plossing         PUR           Locking material         2 mc de-casting           Wetherial Munting data           Mounting metho         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Environmental characteristics   Climatic         Vivian (Color of Material Actional Characteristics)           Environmental characteristics   Climatic         S °C           Operating temperature max         85 °C           Additional condition temperature range         85 °C           Operating temperature max         85 °C           Note on bending radius         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lices.           Note on bending radius         EC 61076-2-111           Installation         EC 61076-2-111	Current operating per contact max.	12 A
Device protection   Electrical           Degree of protection (EN EC 60529)         IP65, IP67           Additional condition protection degree         inserted, screwed           Follution Degree         3           Rated surge voltage         6 kV           Material group (IEC 60684-1)         1           Coating locking         Nickeled           Material gasket         FKM           Mechanical datal Material dassekt         FKM           Mechanical datal Mounting data         Image: Image	Installation   Connection	
Degree of protection (EN IEC 60529)         IP65, IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         6 kV           Material group (IEC 60664-1)         1           Mechanical data [Material data         Image: Image	Width across flats	SW17
Degree of protection (EN IEC 60529)         IP65, IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         6 kV           Material group (IEC 60664-1)         1           Mechanical data [Material data         Image: Image	Device protection   Electrical	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 6 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled Material gasket FKM Material shousing PUR Locking material Carbon   PUR Mechanical data   Muniting data  Mechanical data   Muniting data  Mechanical data   Muniting data  Mechanical data   Muniting data  Fred examing  Mechanical data   Muniting data  Inserted, screwed, Shaking protection  Fiving method data   Muniting data  Fiving method inserted, screwed, Shaking protection  Fiving method inserted, screwed, Shaking protection  Fiving method inserted, screwed, Shaking protection  Fiving method (ata   Muniting data   Muniting		IDGE IDG7
Foliution Degree 3 Rated surge voltage 6 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Material gasket FKM  Material gasket FKM  Material gasket PBR  Locking material I  Locking material I  Locking material I  Mechanical data   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 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 PGe  Cable Type 3  Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown)  Jacket Color		
Rate of surgo voltage         6 kV           Material group (EC 60664-1)         I           Mochanical data   Material data         Incomposition of Mickeled           Material gasket         FKM           Material pasket         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         Operating 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 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 ondargered by excessive bending forces.           Conformity         Product standard         IEC 61076-2-111           Installation   Cable         Service (Service) bending forces.           Cable identification         PO6		· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1)         I           Mechanical data   Material data         Mickeled           Material pasket         FKM           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           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Treatment of the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         IEC 61076-2-111           Installation   Cable         Image: Image	-	
Mechanical data   Material data         Nickeled           Material gasket         FKM           Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Coperating temperature min.         -25 °C           Operating temperature min.         -25 °C           Additional condition temperature range         depending on cable quality           Important installation notes           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           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 type         3           Printing color of wire insulation         black (white isolation), white (isolation blue), white (isolation brown)		
Coating locking         Nickeled           Material gasket         FKM           Material housing         PUR           Locking material         Zor die-asting           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 intentification         P06           Cable right of wire insulation         black (white isolation), white (isolation blue), white (isolation brown)           Jacket Color         black (white isolation)           Type of Certificate         cURus           Amount stranding         1      <		•
Material gasket FKM Material housing PUR Locking material Punting 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 starin 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 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 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         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         Installation   Cable           wire arrangement         green-yellow, blue 3, white 2, brown 1         Cable identification         P06           Cable identification         P06         Dack         Color of wire insulation         Disack           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 j		1.7.7
Locking material         Zinc die-casting           Mechanical 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         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         Important installation   Cable		
Mechanical 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         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         IEC 61076-2-111           Installation   Cable         EC 61076-2-111           vier arrangement         green-yellow, blue 3, white 2, brown 1           Cable identification         P06           Cable identification         P06           Cable (Volite insulation)         black (white isolation), white (isolation blue), white (isolation brown)           Jacket Color         black (volite isolation)           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		
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.  Contormity  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.  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 wire dependent of the 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 9 ± 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         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.           Product standard         IEC 61076-2-111           Installation   Cable         IEC 61076-2-111           Installation   Cable         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           Sh	A DECEMBER OF THE PROPERTY OF	
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	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.  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	-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  Gable 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.	-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  Gable 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 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   Cablewire arrangementgreen-yellow, blue 3, white 2, brown 1Cable identificationP06Cable Type3Printing color of wire insulationblack (white isolation), white (isolation blue), white (isolation brown)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementgreen-yellow, blue 3, white 2, brown 1Cable weigth114,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom 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 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  Stranding  4 wires twisted  wire arrangement  Gable weigth  114,4 g/m  Material jacket  PUR  Shore hardness jacket  90 ± 5 Shore A  Freedom from ingredients (jacket)  1 4 wires twisted  4 wires twisted  green-yellow, blue 3, white 2, brown 1  114,4 g/m  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)
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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	-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 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 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	-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  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: 2024-06-26



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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