

## M12 male 90° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 1m

**PROFIBUS** 

Male 90°

M12, 2-pole

B-coded

shielded

Plastic housings with good resistance against chemicals and oils.

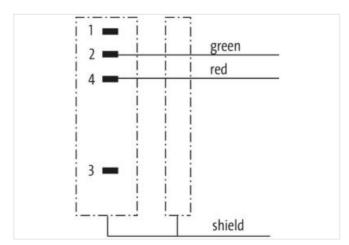
The resistance to aggressive media should be individually tested for your application. Further details on request.

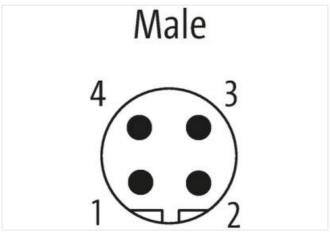
Further cable lengths on request.

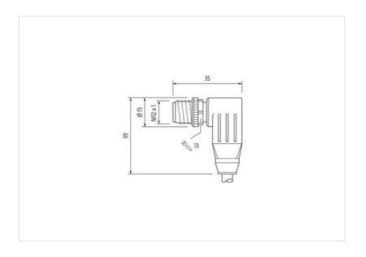
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

1 m

Side 1



stay connected

Family construction form M12 Thread M12 1 Mothan across flats SW13 Degree of protection (EN IEC 60529) IP86, IP86K, IP87  Commercial data  ECLASS 6.0 27061801 ECLASS 7.0 27000307 ECLASS 8.0 27000307 ECLASS 8.0 27000307 ECLASS 8.0 27000307 ECLASS 8.0 127000307 ECLASS 9.0 27000307 ECLASC	Tightening torque	0,6 Nm
Treed         M12 x 1           Motinal         PLR           Worth across flats         SW13           Degree of protection (EN IES 00529)         IESE, IFB6K, IFB7           Commercial data           ECLASS-8.0         27068097           ECLASS-8.1         27060307           ECLASS-9.0         27060307           ECLASS-9.0         27060307           ECLASS-9.1         27060307           ECLASS-10.1         27060307           ECLASS-11.2         27060307           ECLASS-12.0         27060307           ECLASS-12.1         27060307           ECLASS-12.1         27060307           ECLASS-1	Mounting method	inserted, screwed
Material         PUR           Width across flats         SW13           Designe of protection (RN IEC 80529)         IPES, IPB6K, IPB7           Commercial data         PUR           ECLASS-6.1         27068937           ECLASS-6.1         27069037           ECLASS-7.0         27069037           ECLASS-8.0         27069037           ECLASS-9.0         27069037           ECLASS-11.1         27069037           ECLASS-12.0         27069037           ECLASS-13.0         ECOREST           ECLASS-11.1         27069037           ECLASS-12.0         27069037           ECLASS-11.1         27069037           ECLASS-12.0         27069037           ECLASS-12.1         27069037           ECLASS-12.0         27069037           ECLASS-12.1         27069037           ECLASS-12.1         27069037           ECLASS-13.1         27069037           ECLASS-10.1         49487371421           Packaging unit         4           Electrical data Supply         4907           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         3	Family construction form	M12
Width across flats         SW13           Degree of protection (PRI IEC 00529)         IP96, IP96K, IP67           Commercial date         Percentage of the Commercial date           ECLASS-6.0         27061801           ECLASS-6.1         27063037           ECLASS-7.0         27063037           ECLASS-8.0         27063037           ECLASS-9.1         27063037           ECLASS-1.1         27063037           ECLASS-1.1         27063037           ECLASS-1.1         27063037           ECLASS-1.2.0         27063037           ECLASS-1.1         27063037           ECLASS-1.1         27063037           ECLASS-1.2.0         27063037           ECLASS-1.1         27063037           ECLASS-1.2.0         27063037           ECLASS-1.1         27063037           ECLASS-1.1         27063037           ECLASS-1.1         27063037           ECLASS-1.1         27063037           ECLASS-1.1         27063037           ECLASS-1.2         27063037           ECLASS-1.3         4048873371421           ECLASS-1.2         4048873371421           Packaging und         0.7           Operating village DC max	Thread	M12 x 1
Degree of protection (EN IEC 60529)         IP86. IP86K. IP87           Commercial data         Post (ELASS-6.1)         27061901           ECILASS-6.1         27061907         ECILASS-7.0         27061907           ECILASS-9.0         27061907         ECILASS-9.0         27061907           ECILASS-9.0         27061907         ECILASS-1.1         27061907           ECILASS-1.1.1         27061907         ECILASS-1.2.0         27061907           ECILASS-1.2.0         27061907         ECILASS-1.2.0         ECILASS-1.2.0           ECILASS-1.2.0         27061907         ECILASS-1.2.0         ECILASS-1.2.0           ECILASS-1.2.0         ECOLORES         Customs starf number         8544290           ECILASS-1.2.0         ECOLORES         Customs starf number         8544290           COTIN         4048879371421         ECOLORED         ECOLORED           Packaging unit         1         ECCENTION         ECCENTION           Packaging unit         1         ECCENTION         ECCENTION <t< td=""><td>Material</td><td>PUR</td></t<>	Material	PUR
Commercial data         27061011           ECLASS-8.0         27060007           ECLASS-7.0         27060007           ECLASS-8.0         27060007           ECLASS-9.0         27060007           ECLASS-9.1         27060007           ECLASS-10.1         27060007           ECLASS-11.1         27060007           ECLASS-12.0         27060007           ECLASS-12.0         E001856           GIN         494879371421           Peckaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V	Width across flats	SW13
ECLASS 6.0         27061801           ECLASS 6.1         27060307           ECLASS 7.0         27060307           ECLASS 8.0         27060307           ECLASS 9.0         27060307           ECLASS 1.1         27060307           ECLASS 1.1.1         27060307           ECLASS 1.1.1         27060307           ETIM 5.0         E0001855           customs striff rumber         85444290           GTIN         404673371421           Packaging unt         1           Electrical data I Supply           Operating voltage AC max.         60 V           Operating voltage AC (ILL-listed)         30 V           Operating voltage DC max.         60 V           Operating voltage DC max.         4 A           Installation   Connection         30 V           Current operating per contact max.         4 A           Mounting set         M12 x 1           Device protection   Electrical         1 msetel, screwed           Mechanical data   Material data         1 msetel, screwed           Mechanical data   Material data         1 msetel, screwed           Mechanical data   Mounting data         1 msetel, screwed, Shaking protection           Mechanical data   Mounting data         1 mset	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS 6.1         27060307           ECLASS 7.0         27060307           ECLASS 9.0         27060307           ECLASS 9.0         27060307           ECLASS 1.1         27060307           ECLASS 11.1         27060307           ECLASS 12.0         27060307           ECLASS 12.0         ECO01855           customs tarff number         85444280           GTIN         4048879371421           Packaging unt         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating set in protection degree         inserted, serveed           Mactinal Material data         MI2 x 1           Device protection   Electrical         Auditional condition protection degree           Mechanical data   Material data         Mickel plated           Locking material         Zinc die-casting           Meterial serve connection         Zinc die-casting           Meterial powerbarture ma	Commercial data	
ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETIM-5.0         E001855           customs farf number         8044290           GTIN         4048879371421           Packagin unit         1           Electrical datal Supply         Electrical datal Supply           Operating voltage AC max.         60 V           Operating voltage AC Max.         60 V           Operating voltage DC (UL-listed)         30 V           Oursen operating per contact max.         4 A           Installation Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree inserted, screwed           Mechanical data   Material data           Mechanical data   Material data           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Coperating temperature min.         25 °C <td>ECLASS-6.0</td> <td>27061801</td>	ECLASS-6.0	27061801
ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC001885           oustoms tariff rumber         85444280           CTIN         4048873371421           Packaging unit         1           Electrical data   Suppy           Operating voltage AC max         60 V           Operating voltage DC max         60 V           Operating voltage DC max         60 V           Operating voltage DC (UL-listed)         30 V           Operating State DC (UL-listed)         30 V           Osaling State DC (UL-listed)         30 V <tr< td=""><td>ECLASS-6.1</td><td>27060307</td></tr<>	ECLASS-6.1	27060307
ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC001855           Lucations farif number         85444290           GTIN         4048873371421           Packaging unit         1           Electrical data [Suppty         Electrical data [Suppty           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V	ECLASS-7.0	27060307
ECLASS-10.1         27069307           ECLASS-11.2         27069307           ECLASS-12.0         27069307           ETIM-5.0         EC001855           oustoms staff number         85444290           GTIN         4048879371421           Packaging unt         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mult x 1           Device protection   Electrical         May 1           Additional condition protection degree         Inserted, screwed           Mechanical data   Meterial data         Nickeled           Coating obeking         Nickeled           Coating obeking         Nickeled           Coating of litting         nickel patental           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environment	ECLASS-8.0	27060307
ECLASS-1.1.1         27060307           ECLASS-12.0         27060307           ETIMI-5.0         ECODIESTS           customs tariff number         85444290           GTIN         4048879371421           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (IU-listed)         30 V           Operating voltage AC (IU-listed)         30 V           Current operating per contact max.         4 A           Tassallation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Mechanical data   Material data           Casing of fitting         nickel plated           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         45 °C           Operating temperature max	ECLASS-9.0	27060307
ECIASS-12.0         27060307           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048873971421           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Device protection   Electrical Address         Installation   Connection           Mechanical data   Material data         V           Coating locking         Nickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         V           Mechanical data   Mounting data         V           Fenviormental characteristics   Climatic         V           Operating temperature mix.         85 °C           Operating temperature mix.         85 °C	ECLASS-10.1	27060307
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404887371421           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         W           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree         insrted, screwed           Mechanical data   Material date         V           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Cperating temperature max.         85 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Installation   Carlificate         Lipus         Lipus <td>ECLASS-11.1</td> <td>27060307</td>	ECLASS-11.1	27060307
customs tariff number         85444290           GTIN         4048873971421           Packaging unit         1           Electrical data   Supply         Packaging voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (U-listed)         30 V           Operating voltage DC (U-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Nickeled           Coating of fitting         nickeled           Coating of fitting         nickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature mix.         45 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable	ECLASS-12.0	27060307
GTN         4048879371421           Packaigu unit         1           Electrical data   Supply         60 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating portage per contact max.         4 A           Installation   Connection         Wounting set         M12 x 1           Device protection   Electrical         Will accord to the plated           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Nickeled           Coating of litting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Munting data         William (Casting accessed)           Mechanical data   Munting data         Since die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature mix.         25 °C           Operating temperature max.         85 °C         According temperature max.         80 °C           Additional condition temperature range         depending on cable quality         Coperating temperature m	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply         60 V           Operating voltage AC max.         60 V           Operating voltage DC max.         30 V           Operating voltage DC (UL-listed)         30 V           Qurrent operating per ortact max.         4 A           Installation   Connection         Webside To Test and	customs tariff number	85444290
Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Wourse protection   Electrical           Additional condition protection degree         installation   Connection           Mechanical data   Material data         Wechanical data   Material data           Coating locking         Nickeled           Coating locking         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Wechanical data   Mounting data           Mounting method         inserted, screwed. Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Ceble         Cable identification           Jacket Color         violet           Type of Certificate         QURsu <tr< td=""><td>GTIN</td><td>4048879371421</td></tr<>	GTIN	4048879371421
Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Mechanical data   Material data           Coating locking         Nickeled           Coating locking         Nickeled           Coating of liting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Coperating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted </td <td>Packaging unit</td> <td>1</td>	Packaging unit	1
Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         MU2 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Mechanical data   Meterial data           Coating oloking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Zinc die-casting           Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature man.         86 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         840           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1 <td>Electrical data   Supply</td> <td></td>	Electrical data   Supply	
Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         MU2 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Mechanical data   Meterial data           Coating oloking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Zinc die-casting           Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature man.         86 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         840           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1 <td>Operating voltage AC max.</td> <td>60 V</td>	Operating voltage AC max.	60 V
Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mounting set           Mounting set         M12 x 1           Period of Electrical           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Coating locking         Nickeled           Coating locking         Nickel plated         Coating of fitting         nickel plated           Locking material         Zinc die-casting         Material screw connection         Zinc die-casting           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           Installation   Cable         440           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           Cable shielding (type		60 V
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree inserted, screwed           Mechanical data   Material data         Coating looking Nickeled           Coating looking and protection of protection of protection degree inserted, screwed inserted, screwed, seating         Acceptable of the protection of the plated           Locking naterial at a   Mounting data         Zinc die-casting           Mechanical data   Mounting data         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         depending on cable quality           Installation   Cable         Cable initication         840           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %           Banding         Fleece, Foil		30 V
Current operating per contact max.         4 A           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification         840           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %		30 V
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         840           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %	Current operating per contact max.	4 A
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         840           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %	Installation   Connection	
Additional condition protection degree inserted, screwed  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting  Material screw connection 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  Installation   Cable  Cable identification 340  Jacket Color violet  Type of Certificate CURus  Amount stranding 1  Stranding 2 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 70 %  Banding Fleece, Foil	Mounting set	M12 x 1
Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           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           Installation   Cable           Cable identification         840           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %           Banding         Fleece, Foil	Device protection   Electrical	
Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           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           Installation   Cable           Cable identification         840           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %           Banding         Fleece, Foil	Additional condition protection degree	inserted, screwed
Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       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       Installation   Cable       Cable identification     840       Jacket Color     violet       Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     70 %       Banding     Fleece, Foil		
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection 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  Installation   Cable  Cable identification 840 Jacket Color violet  Type of Certificate cURus  Amount stranding 1 Stranding 2 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 70 % Banding Fleece, Foil	·	Nickeled
Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         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         Installation   Cable         Cable identification       840         Jacket Color       violet         Type of Certificate       cURus         Amount stranding       1         Stranding       2 wires twisted         Cable shielding (type)       copper braid, tinned         Cable shielding (coverage)       70 %         Banding       Fleece, Foil		
Material screw connection 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  Installation   Cable  Cable identification 840  Jacket Color violet  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 70 %  Banding Fleece, Foil		
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  Installation   Cable  Cable identification 840  Jacket Color violet  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 70 %  Banding Fleece, Foil		<del>-</del>
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  Installation   Cable  Cable identification 840  Jacket Color violet  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 70 %  Banding Fleece, Foil		
Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification  Jacket Color  violet  Type of Certificate  Amount stranding  1  Stranding  2 wires twisted  Cable shielding (type)  Cable shielding (coverage)  70 %  Banding  Fleece, Foil		install assured Challing asstabling
Operating temperature min.  -25 °C Operating temperature max.  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 840  Jacket Color violet  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 70 %  Banding Fleece, Foil		inserted, screwed, Snaking protection
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Type of Certificate cURus  Amount stranding 1  Stranding 2 wires twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 70 %  Banding Fleece, Foil		840
Amount stranding1Stranding2 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)70 %BandingFleece, Foil	Jacket Color	violet
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Cable shielding (type) copper braid, tinned Cable shielding (coverage) 70 % Banding Fleece, Foil	· · · · · · · · · · · · · · · · · · ·	1
Cable shielding (coverage) 70 % Banding Fleece, Foil	Stranding	2 wires twisted
Banding Fleece, Foil		<del>``</del>
	Cable shielding (coverage)	
wire arrangement red, green	Banding	Fleece, Foil
	wire arrangement	red, green

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: 2024-04-19



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No. of bending cycles (C-track)	5 Mio. @ 25 °C
Cable weigth	82,5 g/m
Material jacket	TPE-V
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	7,8 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	TPE-V
Color (inner jacket)	white
Amount wires	2
Outer diameter insulation	2,55 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	78 Ω/km @ 20 °C
Nominal voltage power AC max.	250 V
Electrical capacity line constant (wire - wire) (power)	30000 pF/km
AC withstand voltage power (wire - shield)	1 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	1 kV @ 60 s
AC withstand voltage power (wire - wire)	1 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter