

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

PUR 1x2xAWG22 shielded vt UL/CSA+robot 5m

**PROFIBUS** 

Female 90°

M12, 2-pole

B-coded

shielded

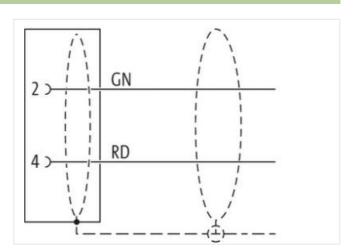
Plastic housings with good resistance against chemicals and oils.

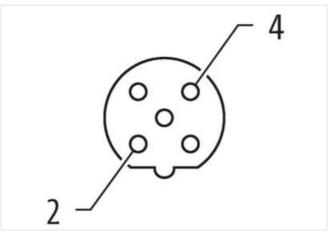
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

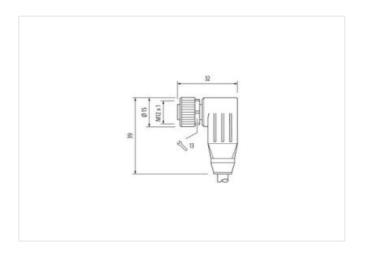
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

5 m

Side 1



stay connected

Mounting method	Tightening torque	0,6 Nm
Family construction form         M12 x 1           Thread         M12 x 1           Coding         B           Material         PUR           Width across fass         SW19           Degree of protection (EN IEC 00529)         IPD5, IPP0K, IPP0           Commercial dats         Commercial dats           ECLASS-8.0         27063077           ECLASS-8.1         27060007           ECLASS-9.0         27060007           ECLASS-1.1         27060007           ECLASS-1.2         27060007           ECLASS-1.1         27060007           ECLASS-1.2         270000007           ETIM-5.0         ECO INTERPRETARY           Exercised acts Instruction under the contract max.         60 Y           Operating voltage DC max.         60 Y <th< td=""><td>Mounting method</td><td>inserted, screwed</td></th<>	Mounting method	inserted, screwed
Coding         B           Material         PUR           Materials         SW13           Degree of protection (EN IEC 6052s)         1P58, IP68K, IP87           Commercial data         FUR           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-1.2         27060307           ECLASS-1.3         27060307           ECLASS-1.1         27060307           ECLASS-1.2         27060307           ETIM-8.0         ECO01855           cusions lard mumber         69-44230           GTIN         404887840161           Packaging unit         1           Effectival data   Supply         V           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (ILL islad)         30 V           Mountain gr	Family construction form	M12
Material         PUR           Winth across flats         SW13           Commercial data         Commercial data           ECLASS 6.0         27061801           ECLASS 7.0         27063907           ECLASS 8.0         27063907           ECLASS 9.0         27063007           ECLASS 9.0         27063007           ECLASS 9.0         27063007           ECLASS 1.0.1         27063007           ECLASS 1.1.1         27063007           ECLASS 1.2.0         27063007           Excellegal 1.2.0         27063007           Eccal 2.2.0         27063007           Exce	Thread	M12 x 1
Width across files         SW13           Degree of protection (PRI IEC 60529)         1P68, IP68K, IP67           Commercial date         Possible of Processor (PRI IEC 60529)         PR68, IP67           ECLASS 6.0         27061801         PR08, IP68, IP67           ECLASS 6.1         27060307         PR08, IP68, IP67           ECLASS 7.0         27060307         PR08, IP68, IP67           ECLASS 9.0         27060307         PR08, IP68, IP67           ECLASS 9.1         27060307         PR08, IP68, IP67           ECLASS 9.1         27060307         PR08, IP68, IP67           ECLASS 9.1         27060307         PR08, IP68, IP68, IP67           ECLASS 9.0         27060307         PR08, IP68,	Coding	В
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data           ECLASS-6.0         27068007           ECLASS-6.1         27060007           ECLASS-8.0         27060007           ECLASS-9.0         27060007           ECLASS-9.0         27060007           ECLASS-11.1         27060007           ECLASS-12.0         27060007           ECLASS-12.0         27060007           ECLASS-10.0         ECOMISS           usborn staff number         85444200           CTIN         4048679480161           Packaging unit         1           Electrical data I Suppty         V           Operating voltage AC max.         60 V           Operating voltage AC (IL-listed)         30 V           Operating toporating active actives.         M12 x 1           Decision of protection (Electrical Active actives.)         ACtive activ	Material	PUR
Commercial data         ECLASS-6.0         27061801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETIM-5.0         ECO01855           COUNTY         4048879480161           Packaging unit         1           Electrical data   Suppty           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-Isated)         30 V           Operating voltage AC (UL-Isated)         30 V           Operating voltage DC (UL-Isated)         30 V </td <td>Width across flats</td> <td>SW13</td>	Width across flats	SW13
ECLASS-6.0         27061801           ECLASS-6.1         27063037           ECLASS-7.0         27063037           ECLASS-8.0         27063037           ECLASS-9.0         27063037           ECLASS-1.1         27063037           ECLASS-1.2.0         2706307           EVELOTION COLUMN         4048079480161           Packaging until         1           Electrical date Supply         4           Operating te	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-1.1         27060307           ECLASS-1.2.0         27060307           ECLASS-1.0         ECO01855           customs tariff number         85444290           GTIN         4048679480161           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage PC contact max.         4 A           Installation   Connection         Mounting set           Mounting set         M12 x 1           Perice protection   Electrical         1           Perice protection   Electrical         1           Material group   ECC 6068-1)         1           Mechanical data   Material data         Nickeled           Coating of thing         nickeled plated           Locking material	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           ETM-15.0         EC001855           usatoms tariff number         85444290           GTIN         404887940161           Packaging unit         1           Electrical data   Supply         1           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         60 V           Operating voltage DC max.         4 A           Installation   Connection         4 A           Installation   Connection         M12 x 1           Device protection   Electrical           Additional condition protection degree         Insarted surge voltage           Follution Degree         3           Rated surge voltage         1,5 kV           Material group (EC 60684-1)         1           Mechanical data   Material data         Zinc die casting           Material group (EC 60684-1)         Inserted, scrowed, Shaking protect	ECLASS-6.0	27061801
ECLASS 9.0         27060307           ECLASS 9.0         27060307           ECLASS-1.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404879480161           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Pollation Deprecting Interval Activation (VL)         4 A           Installation   Condition protection degree         Installation (VL)           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664	ECLASS-6.1	27060307
ECLASS 9.0         27060307           ECLASS 10.1         27060307           ECLASS 11.1         27060307           ECLASS 12.0         27060307           ETIMS 0         EC001835           Caustoms farif number         8544290           GTIN         4048874490161           Packaging unt         1           Electrical data Supply         Electrical data Supply           Operating voltage AC max.         60 V           Operating voltage AC Max.         60 V           Operating voltage AC (UL-listed)         30 V           Mounting set         M12 x 1           Device protection [Electrical         AA           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         1           Coating jortiting	ECLASS-7.0	27060307
ECLASS-1.1         27060307           ECLASS-1.2.0         27060307           ETM-S.0         EC091855           customs tariff rumber         85444290           GTIN         404879480161           Packaging unit         1           Electrical datal Supply         ************************************	ECLASS-8.0	27060307
ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIMIS-D         ECO01855           customs tariff number         85444290           GTIN         4048879480161           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (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         Installation   Connection           Additional polacies           Material group (IEC 80864-1)         I           Mechanical data   Material data           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled   Coating locking   Coating   C	ECLASS-9.0	27060307
ECLASS-12.0         27060307           ETIM-5.0         EC001855           customs tariff rumber         8544290           GTIN         4048879480161           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         Mounting set           Mounting set         M12 x 1           Pevice protection   Electrical         Additional condition protection degree           Pollution Degree         3           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Attendaries group (IEC 50684-1)         1           Mechanical data   Material data         Nickeled           Coating of litting         nickel plated           Locking materia         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic	ECLASS-10.1	27060307
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 404879490161 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Operating voltage AC max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Read Surge voltage AC (IU-listed) 1,5 kV Material group (IEC 60864-1) I  Mechanical data   Material data  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Xinc die acting temperature min. 25 °C Operating temperature min. 25 °C Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  important installation notes  Note on bending radius Attending radius Alternation Learnage of cable lies.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	ECLASS-11.1	27060307
customs tariff number 85444290 GTIN 4048879480161 Packaging unit 1 Electrical data   Suppty  Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material   Zinc die-casting  Mechanical Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		27060307
GTIN 404879480161 Packaging unit 1 Electrical data   Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (L-listed) 30 V Operating voltage AC (L-listed) 30 V Operating voltage AC (L-listed) 30 V Operating voltage BC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A  installation   Connection  Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Device protection   Zinc die-casting Meterial screw connection   Zinc die-casting Meterial 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  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.	ETIM-5.0	
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Peter   Supply		
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 voltage DC (UL-listed) 30 V Ourrent operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating 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.	Packaging unit	1
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  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  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.	Electrical data   Supply	
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 M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60684-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating locking nickel plated  Locking material Zinc die-casting  Mechanical data   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating 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.	Operating voltage AC max.	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  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  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  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.	Operating voltage DC max.	60 V
Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical 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  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition 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.	Operating voltage AC (UL-listed)	30 V
Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  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  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.	Operating voltage DC (UL-listed)	30 V
Mounting set M12 x 1  Pevice protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  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 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.	Current operating per contact max.	4 A
Device protection   Electrical	Installation   Connection	
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  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  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.	Mounting set	M12 x 1
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Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  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  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.	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)  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  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.		3
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  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.	Rated surge voltage	1,5 kV
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  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	Material group (IEC 60664-1)	I
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  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.	Mechanical data   Material data	
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  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.	Coating locking	Nickeled
Locking material  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  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		nickel plated
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Mechanical data   Mounting data	
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Operating temperature max.  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Environmental characteristics   Climati	c c
Operating temperature max.  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity		
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		85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Additional condition temperature range	depending on cable quality
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	Important installation notes	
Note on bending radius  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	•	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
Product standard DIN EN 61076-2-101 (M12)	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-08



stay connected

Installation   Cable	
Cable identification	843
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with 2 Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	,
Drain wire (cross-section)	yes 0.14 mm <sup>2</sup>
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Cable weigth  Material include	79,2 g/m PUR
Material jacket	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	2
Outer diameter insulation	2,6 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	23 AWG
Conductor crosssection (wire)	23 AWG
Drain wire (cross-section)	0,14 mm²
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	59,4 Ω/km
AC withstand voltage (wire - wire)	1,2 kV @ 60 s
AC withstand voltage (wire - shield)	0,8 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic)	-30 °C 80 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	-30 °C 80 °C IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	-30 °C 80 °C IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	-30 °C  80 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing  Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	-30 °C  80 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing  Good, application-related testing  Good, application-related testing   DIN EN 60811-404
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation)	-30 °C  80 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing  Good, application-related testing  Good, application-related testing   DIN EN 60811-404  x Outer diameter
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed)	-30 °C  80 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing  Good, application-related testing  Good, application-related testing   DIN EN 60811-404  x Outer diameter  5 x Outer diameter
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation)	-30 °C  80 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Good, application-related testing  Good, application-related testing  Good, application-related testing   DIN EN 60811-404  x Outer diameter