

#### M12 female 0° B-cod. with cable shielded

PUR AWG24+22 shielded vt UL/CSA+drag ch. 10m

Art.No.: 7000-14044-8031000

Weight: 0.657 Country of origin: CZ

Model designation: MSBBL0-T803\_10.0

# Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

#### **Product details:**

Female straight

M12, 4-pole

B-coded

shielded

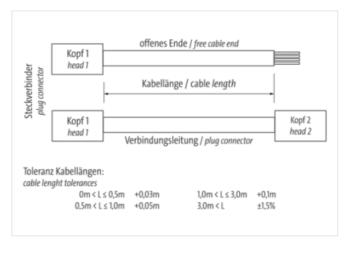
Plastic housings with good resistance against chemicals and oils.

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

### **Link to Product**

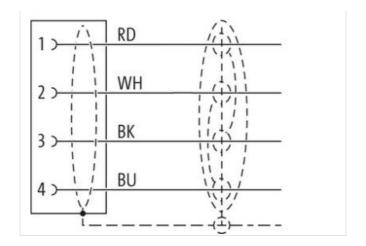
## Illustration

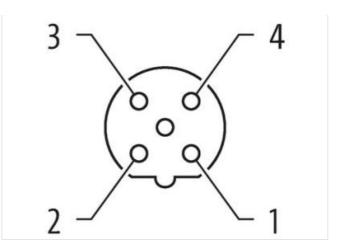


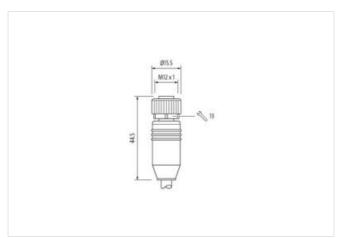




stay connected







Product may differ from Image













Cable length	10 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	В
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	20 mm
Family construction form	free cable end
Commercial data	



stay connected

COLASS 6.1   2706007   2		
EGLASS-7.0  ECLASS-8.0  ECLASS-8.0  ECLASS-8.0  ECLASS-8.10  ECLASS-11  ECLASS-11  ECLASS-12.0  ECLAS-12.0  ECLASS-12.0  ECLASS-12.0  ECLASS-12.0  ECLASS-12.0  ECLAS-12.0  EC	ECLASS-6.0	27061801
ECLASS-8.0 2706007 ECLASS-10.1 2706007 ECLASS-11.1 2706007 ECLASS-11.1 2706007 ECLASS-12.0 2706007 ECLASS-12.0 2706007 ETIM-S.0 ECONESS customs tariff number 8544230 customs tariff number 8544230 EAN 4048879 198530 EAN 50 ECONESS CUSTOM CONTROLL 1 Electrical data   Supply  Operating vallage AC max. 60 V Operating vallage AC (UL-listed) 30 V Operating vallage AC (UL-listed) 40 V Operating vallage AC (UL-listed) 40 V Operating va		
EGLASS-01         270e0307           ECLASS-11.1         270e0307           ECLASS-11.1         270e0307           ECLASS-12.0         270e0307           ECLASS-12.0         270e0307           ECLASS-12.0         E0001855           customs staff number         8544220           EAN         40e8379198530           EAN         40e74           Packaging unit         1           Edectrical data [Suppty         V           Operating voltage DC max.         60 V           Disprace Science DC Max.         4 A           Disprace Science DC Max.         4 A		
ECLASS-101         27000307           ECLASS-11.1         27000307           ECLASS-12.0         27000307           ETIM-5.0         ECO01855           LEMS-1.0         8544220           customs fariff number         8544220           customs fariff number         8544220           customs fariff number         8544220           EAN         408879188530           Packaging unit         1           Electrical data   Supply         9           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 AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         10 m           Installation (Connection         12 m           Stitute indication LED         no           Installation (Connection)         12 m           Stitute indicated in Electrical         Additional condition protection degree           Politage voltage		
ECLASS.11 1         27669807           ECLASS.12.0         27069807           ECMASS.12.0         27069807           ECMASS.12.0         EC001855           customs staff number         85444290           EAN         4048879198530           EAN         4048879198530           EAN         4048879198530           Packaging unit         1           Electrical data [suppty         February (Lill-Staff)           Operating voltage AC max.         60 V           Operating voltage AC (Lill-Staff)         30 V           Operating voltage AC (Lill-Staff)         30 V           Operating voltage DC (UL Islad)         30 V           Operating voltage AC (Lill-Staff)         30 V           Staff unit indication LED         no           Installation (Connection         Stripping length (Lincket)           Staff unit indication (LECTRICAL)         M12 x 1           Additional condition protection degree         Inserted. screwed           Pollution Degree         3           Additional Condition protection degree         without		
EGLASS-12.0         27000007           ETIM S.0         EC001835           Coustoms teriff number         8544220           customs teriff number         8544220           CEN         404887198530           EAN         404887198530           EAN         404887198530           Packaging unit         1           Electrical data [Supply         Operating voltage AC max.           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (UL Islaed)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Installation   Connection         Installation   Connection           Stituping length (jacket)         20 mm           Mounting active (Jacket)         M2 x 1           Gender         female           Device protection   Electrical         M2 x 1           Gender <td></td> <td></td>		
ETIM-5.0         EC001885           customs saiff number         85444290           canno suctoms saiff number         85444290           EAN         4048879198930           Packaging unit         1           Eeterical data   Supply         1           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           Installation   Connection         Installation   Connection           Installation   Connection         Installation   Connection           Installation   Connection         Installation   Connection           Powled protection   Electrical         Acditional condition protection degree           Acditional condition protection degree         inserted, screwed           Pollution   Degree         3           Rated surge voltage         1,5 kV		
customs tariff number 85444290 customs tariff number 85444290 EAN 4048879198530 EAN 4048879198530 EAN 4048879198530 Packaging unit 1 Packaging unit 2 Packaging unit 1 Packaging		
coutons tariff number		
EAN 4048879198530 EAN 4048879198530 EAN 4048879198530 Packaging unit 1 Packaging unit 1 Packaging unit 1  Flectrical data   Supty		
EAN         4048879198530           Packaging unit         1           Packaging unit         1           Electrical data   Supply         0           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           Diagnostics         V           Status indication LED         no           Installation   Connection         V           Installation   Connection         V           Mounting set         M12 x 1           Gender         Iemale           Device protection   Electrical           Additional condition protection degree         3           Pollution Degree         3           Rated surge voltage         1,5 kV           Machanical data         Without           Mechanical data   Material data         Without           Mechanical data   Material data         X           Coating locking         Nickeled           Coating of Hiting         nickel paleed           Locking material         Zinc die casting           Material servee connection         Zinc die casting           Mechanica		
Packaging unit 1 Packaging unit 2 Packaging unit 2 Packaging unit 2 Packaging unit 3 Packaging unit 3 Packaging unit 4 Packag		
Packaging unit 1  Electrical data   Supply    Operating voltage AC max. 60 V    Operating voltage BC max. 60 V    Operating voltage BC (UL-listed) 30 V    Operating voltage BC (UL-listed) 30 V    Ourent operating per contact max. 4 A    Diagnostics    Status indication LED   no    Installation   Connection    Stripping length (socket) 20 mm    Mounting set   M12 x 1    Gender   female    Device protection   Electrical    Additional condition protection degree   inserted, screwed    Pollution Degree   3    Rated surge voltage   1,5 kV    Material group   EleC 80684+1)   1    Mechanical data    Mechanical data    Mechanical data   Meterial data    Contour for corrugated hose   without    Mechanical data   Meterial data    Material screw connection   Zinc die-casting    Mechanical data   Mounting data    Mounting method   inserted, screwed, Shaking protection    Mechanical data   Mounting data    Mounting method   inserted, screwed, Shaking protection    Environmental characteristics   Climatic    Operating temperature min.		
Peter   September   Septembe		
Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC max.         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection         Stripping length (jacket)           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Gender         tenale           Device protection   Electrical         Additional condition protection degree           Pollution Degree         3           Raded surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data         Without           Mechanical data Material data         Without           Conting locking         Nickeled           Coating of fitting         cincle casting           Meterial screw connection         Zinc die-casting           Meterial probability of the pro	Packaging unit	1
Operating voltage DC max. 60 V Operating voltage DC (LL-listed) 30 V Operating voltage DC (LL-listed) 30 V Our ment operating per contact max. 4 A  Diagnostics  Status indication LED no Installation   Connection  Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kW Material group (IEC 66664-1) 1  Mechanical data   Material data  Coating locking Nickeled  Coating locking Nickeled  Coating locking naterial inserted, screwed, Shaking protection  Mechanical data   Munting data  Material group naterial inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature max. 95 °C Operating temperature max of 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	Electrical data   Supply	
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A  Diagnostics Status indication LED no Installation   Connection  Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender (emale  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  Contour for corrugated hose without Mechanical data   Material data  Coating of fitting nickel plated  Locking material   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 oades, 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	Operating voltage AC max.	60 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Diagnostics Status indication LED no Installation   Connection Stripping length (jacket) 20 mm Mounting set Mt 2 x 1 Gender Ieau   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   Mechanical data   Material data Coating toking material Coating temperature max. Coating temperature max. Coperating temperat	Operating voltage DC max.	60 V
Current operating per contact max.  Diagnostics  Status indication LED  Installation   Connection  Stripping length (jacket)  Mounting set  M12 x 1  Gender  Jemale  Device protection   Electrical  Additional condition protection degree  inserted, screwed  Pollution Degree  3  Rated surge voltage  1,5 kV  Material group (IEC 60664-1)  Mechanical data  Conting locking  Nickeled  Conting of fitting  Incide jated  Material serve connection  Mechanical data   Munting data  Material serve wonnection  Mechanical data   Munting data  Mounting method  inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method  inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min.  Operating temperature min.  Operating temperature mane  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.  Atention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Contormity	Operating voltage AC (UL-listed)	30 V
Status indication LED no Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Gender female  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  Contour for corrugated hose without  Mechanical data   Material data  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 min 25 °C  Operating temperature min 25 °C  Operating temperature man. 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
Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Salated surge voltage inserted, screwed  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating of fitting nickel plated  Locking material screw connection Zinc die-casting  Mechanical data   Munting data  Mechanical data   Munting data  Mechanical data   Munting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min25 °C  Operating temperature man. 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.  Conformity  Conformity  Conformity	Current operating per contact max.	4 A
Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Salated surge voltage inserted, screwed  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating of fitting nickel plated  Locking material screw connection Zinc die-casting  Mechanical data   Munting data  Mechanical data   Munting data  Mechanical data   Munting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min25 °C  Operating temperature man. 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.  Conformity  Conformity  Conformity	Diagnostics	
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Gender female  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  Contour for corrugated hose without  Mechanical data   Material data  Coating locking nickel plated  Locking material crew connection increased inserted, screwed, Shaking protection  Mechanical data   Muniting data  Menting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Inspiration   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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		no
Stripping length (jacket) 20 mm  Mounting set M12 x 1  Gender female  Device protection   Electrical  Additional condition protection degree insertled, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) 1  Mechanical data  Contour for corrugated hose without  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  Meuriting method insertled, screwed, Shaking protection  Environmental characteristics   Climatic  Poperating 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.		iiu
Mounting set M12 x 1 Gender female  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  Contour for corrugated hose without  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.  Conformity		
Gender female  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  Contour for corrugated hose without  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.		
Pevice 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  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating lotking 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. 45 °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		
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  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.  Conformity		female
Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  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.	Device protection   Electrical	
Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled Coating locking nickel plated Locking material Zinc die-casting  Methanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Additional condition protection degree	inserted, screwed
Mechanical data  Contour for corrugated hose without  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 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.	Pollution Degree	3
Mechanical data Contour for corrugated hose without  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 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
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.  Conformity	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.	Mechanical data	
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.	Contour for corrugated hose	without
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.	-	
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	·	AP. L. L.
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.  Conformity		
Material screw connection  Mechanical 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  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 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		
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		Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  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	Mechanical data   Mounting data	
Operating temperature min.  -25 °C Operating temperature max.  85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	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.  Conformity	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.  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.  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		
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	· · · · ·	
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	·	Destructible and the suitable and the su
endangered by excessive bending forces.  Conformity	Note on strain relief	
	Note on bending radius	
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: 2025-10-03



stay connected



Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	1 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3 m/s @ 25 °C