

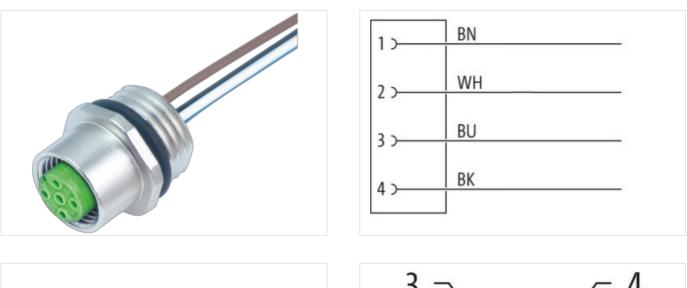
## M12 female recept. A-cod. front

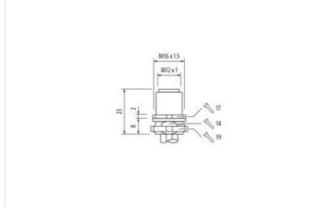
PP-wires 4x0.34 2m

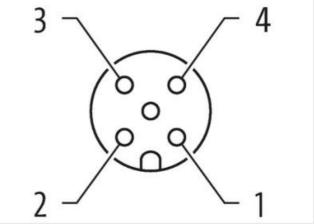
Flange female M12, 4-pole Front mounting with multi-strand wire

## Link to Product

## Illustration



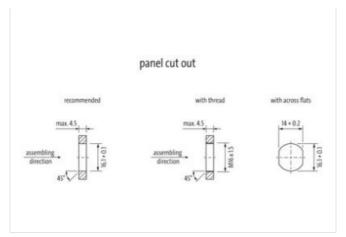




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at





Product may differ from Image



Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	Zinc die-casting
No. of poles	4
Degree of protection (EN IEC 60529)	IP67
Side 2	
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879350518
Packaging unit	1
Electrical data   Supply	
Dperating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Diagnostics	

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: 2024-05-19

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Device protection   Electrical         3.4. 6P           Protection NEMA         3.4. 6P           Additional condition protection degree         inserted, screwed           Poliution Dugree         3           Raid argue vitage         2.5 kV           Material group, (EC 50664-1)         I           Material group, (EC 50664-1)         Whott           Contour for ourogated hose         Whott           Material group, (EC 50664-1)         I           Contour for ourogated hose         Whott           Contain of filmig         nickel plated           Containg housing         indexiel plated           Containg folding         Vermessing           Containg folding         Zine dis-casting           Material acrew connection         Zine dis-casting           Material acrew connection         Zine dis-casting           Mouting method         Schraubgewinde           Looking tachniques         Sine Casting           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Contain totain         Material could plated           Unoting radius         Protect the connectors by suitable measures from mechanical clade, e, e, by the usage of clable tiss.           Additional condition temperature ma	Status indication LED	no
Device protection   Electrical         3.4. 6P           Protection NEMA         3.4. 6P           Additional condition protection degree         inserted, screwed           Poliution Dugree         3           Raid argue vitage         2.5 kV           Material group, (EC 50664-1)         I           Material group, (EC 50664-1)         Whott           Contour for ourogated hose         Whott           Material group, (EC 50664-1)         I           Contour for ourogated hose         Whott           Contain of filmig         nickel plated           Containg housing         indexiel plated           Containg folding         Vermessing           Containg folding         Zine dis-casting           Material acrew connection         Zine dis-casting           Material acrew connection         Zine dis-casting           Mouting method         Schraubgewinde           Looking tachniques         Sine Casting           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Contain totain         Material could plated           Unoting radius         Protect the connectors by suitable measures from mechanical clade, e, e, by the usage of clable tiss.           Additional condition temperature ma	Installation   Connection	
Protection NEMA         3,4,6P           Additional condition protection degree         Inserted, screwed           Additional condition protection degree         3           Fined surp workage         2,5 kV           Material group (IEC 60664-1)         1           Machanical data         Without           Contron for corrugated hose         without           Contron for corrugated hose         without           Contron for corrugated hose         without           Contron for filling         nickel plated           Contron for filling         nickel plated           Material gase         FKM           Contron for filling         Nockel plated           Material gase         FKM           Contron for filling         Nockel plated           Material gase         FKM           Contron for filling         Nockel plated           Material gase         FKM           Contron for filling         Schraubgowinde           Schraubgowinde         Schraubgowinde           Condern filling         Schraubgowinde           Schraubgowinde         Schraubgowinde           Schraubgowinde         Schraubgowinde           Schraubgowinde         Schraubgowinde           Condern filli	Mounting set	M16 x 1.5
Additional condition protection degree         isentad, screwed           Pollution Degree         3           Raid surge votige         2,5 kV           Material group (EEC 60664-1)         I           Machanical data         Controm for corrugated hose         without           Controm for corrugated hose         without         Note           Controm for corrugated hose         Note         Note           Controm for corrugated hose         Verk         Note           Controm for corrugated hose         Zinc die casting         Note           Machanical data [Mounting data         Sofraubgewinde         Note           Controm for homeprature max         85 °C         Operating inspirature max         85 °C           Operating inspirature max         85 °C         Operating inspirature max         85 °C           Note on strian relie	Device protection   Electrical	
Additional condition protection degree         iserted, screwed           Palution Degree         3           Relati surgo voltige         2.8 kV           Material group (IEC 60664-1)         I           Machanical data         International data           Contur for corrugated hose         without           Machanical data         International data           Coating housing         without           Material gasket         FKM           Coating tof fitting         Zinc die casting           Material gasket         Sitting data           Machanical data (Mounting data         Sitting data           Mounting method         Softraubgewinde           Cooler gasking         Gastraubgewinde           Portext the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.           Not on train relief         Portext the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files. <td>Protection NEMA</td> <td>3. 4. 6P</td>	Protection NEMA	3. 4. 6P
Rated surge voltage         2.5 kV           Merchal group (IEC 60684-1)         I           Mechanical data         I           Contour for corrugated hose         without           Mechanical data         Inickle plated           Coating hoxing         rickle plated           Coating for filling         rickle plated           Coating for filling         rickle plated           Coating for filling         rickle plated           Material grows connection         Zine die- casting           Material grows connection         Zine die- casting           Methal grows connection         Zine die- casting           Methal grows connection         Zine die- casting           Methal grows connection         Zine die- casting           Mounting methon         Schraubgewinde           Environental characteristics [ Climatic         Operating temperature min.           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Noto on bonding radius         Meteritor: Observe the permissible bending radii when laying cables, as the IP protection dass can be endangered by exoseive bending from uchanical loads. e.g. by the usage of cable ties.           Noto on bonding radius         Meteritor: Observe the permi	Additional condition protection degree	
Rated surge voltage         2.5 kV           Merchal group (IEC 60684-1)         I           Mechanical data         I           Contour for corrugated hose         without           Mechanical data         Inickle plated           Coating hoxing         rickle plated           Coating for filling         rickle plated           Coating for filling         rickle plated           Coating for filling         rickle plated           Material grows connection         Zine die- casting           Material grows connection         Zine die- casting           Methal grows connection         Zine die- casting           Methal grows connection         Zine die- casting           Methal grows connection         Zine die- casting           Mounting methon         Schraubgewinde           Environental characteristics [ Climatic         Operating temperature min.           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Noto on bonding radius         Meteritor: Observe the permissible bending radii when laying cables, as the IP protection dass can be endangered by exoseive bending from uchanical loads. e.g. by the usage of cable ties.           Noto on bonding radius         Meteritor: Observe the permi		· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1)         I           Mechanical dist         Vintum           Contour for corrugated hose         without           Mechanical dist         Vintum           Coating for corrugated hose         without           Mechanical dist         Vintum           Coating for corrugated hose         without           Mechanical dist         Mechanical dist           Material gasket         FKM           Locking matrixil         Zinc die-casing           Material screw connection         Zinc die-casing           Mechanical dist  Mounting data         Schraubgewinde           Mounting mathrd         Schraubgewinde           Cooking techniques         Schraubgewinde           Cooking techniques         Schraubgewinde           Cooking techniques         Schraubgewinde           Cooking techniques         Schraubgewinde           Deparating temperature man.         25 °C           Operating temperature man.         25 °C		2,5 kV
Contour for corrugated hose         without           Dechanical data   Material data         inclel plated           Coating housing         inclel plated           Coating for fitting         nickel plated           Coating for fitting         incle coasting           Coating for fitting         incle coasting           Coating for fitting         incle coasting           Material gasket         FKM           Coating for fitting         incle coasting           Material gasket         Schraubgewinde           Coating for fitting         Schraubgewinde           Mounting method         Schraubgewinde           Coating for fitting         Schraubgewinde           Operating temperature max.         Schraubgewinde           Additional condition temperature and         Schraubgewinde           Note on tertin relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fites.           Contomity         ys         Schraubgewinde           Poduct standard         Dischraubgewinde         Sch	Material group (IEC 60664-1)	I
Mechanical data         Index Plated           Coating housing         nickel plated           Coating forting         nickel plated           Coating forting         nickel plated           Material gaskat         FKM           Locking material         Zinc die casting           Material screw connection         Zinc die casting           Material screw connection         Zinc die casting           Material screw connection         Schraubgewinde           Locking techniques         Schraubgewinde           Mounting method         Schraubgewinde           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Additional condition temperature rare         depending on cable quality           Important Installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.           Material wing installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.           Note on ending radius         Ible for for 2-101 (M12)           Approvatio         yes           Ut Station of Coalitication         PIC           Coalitication of puble susation         Quereding the installation	Mechanical data	
Mechanical data         Index Plated           Coating housing         nickel plated           Coating forting         nickel plated           Coating forting         nickel plated           Material gaskat         FKM           Locking material         Zinc die casting           Material screw connection         Zinc die casting           Material screw connection         Zinc die casting           Material screw connection         Schraubgewinde           Locking techniques         Schraubgewinde           Mounting method         Schraubgewinde           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Additional condition temperature rare         depending on cable quality           Important Installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.           Material wing installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.           Note on ending radius         Ible for for 2-101 (M12)           Approvatio         yes           Ut Station of Coalitication         PIC           Coalitication of puble susation         Quereding the installation	Contour for corrugated hose	without
Coating locking         vermessingt           Coating of fitting         nickel plated           Material gaskt         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Morining method         Schraubgewinde           Locking techniques         Schraubgewinde           Portating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temporature may.         85 °C           Contomity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Nater on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         product standard         DIN EN 61076-2101 (M12)           Approvals         yes         Schraubgewinde           Conduction         protection class can be endangered by e	-	
Coating locking         vermessingt           Coating of fitting         nickel plated           Material gaskt         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Morining method         Schraubgewinde           Locking techniques         Schraubgewinde           Portating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temporature may.         85 °C           Contomity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Nater on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         product standard         DIN EN 61076-2101 (M12)           Approvals         yes         Schraubgewinde           Conduction         protection class can be endangered by e		nickel plated
Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Schraubgewinde         Schraubgewinde           Eavinomental characteristics   Climatte         Coloring temperature main.           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Operating temperature max.         ges           Colormity         protect time connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Material wire insulation         DIN EN 81076-2-101 (M12)           Approxis         protect time connectors optical data data data data data data data da		
Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data [Mounting data         Mechanical data [Mounting data           Mounting method         Schraubgewinde           Environmental characteristics [Climatte         Schraubgewinde           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Schraubgewinde           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Contomity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Contomity         Protect           Ut of E         yes           Installation [Cable         Yes           Installation [Cable         Yes           Cable identification         971           Mater		
Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechnical data   Mounting data         Konnical data   Mounting method           Schraubgewinde         Schraubgewinde           Locking tenhnques         Schraubgewinde           Environmental characteristics   Climatic         Condition           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation netoes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.           Conformity         provals           Ut. 50E         yes           Installation   Cable         yes           Cable identification         971           Material wire insulation         1,3 mm           Outer diameter insulation         1,3 mm²           Mit. operating temperature (sted)         90 °C           Oparating temperature (s		· · · · · · · · · · · · · · · · · · ·
Material screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Looking techniques         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C         Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C         Additional condition temperature max.         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.         Contornity           Product standard         DIN EN 61076-2-101 (M12)         Approvals           UL 50E         yes         Installation [Cable         Cole clentification         971           Additional wire insulation         PUR         Anount wires         4         Cole clentification         2.3 4 mm²           Minou diverse         4         Cole clentification         2.5 °C         Conductor crossection (wire)         0.3 4 mm² <t< td=""><td>Locking material</td><td></td></t<>	Locking material	
Accounting method         Schraubgewinde           Looking techniques         Schraubgewinde           Environmental characteristics   Climatic         Comparing temperature min.         -25 °C           Operating temperature man.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         Mounting radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radius when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending torces.           Contormity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Approvals         VEVEN           UL 50E         protect (M12)           Approvals         VEVEN           Cable identification         971           Material wire insulation         1.3 mm           Outer diameter insulation         1.3 mm           Outer diameter insulation         1.3 mm           Outer diameter tolerance core insulatin         5 %           Conducto	Material screw connection	
Mounting method         Schraubgewinde           Looking techniques         Schraubgewinde           Environmental characteristics   Climatic            Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature may         depending on cable quality           Important installation notes            Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Contormity            Product standard         DIN EN 61076-2-101 (M12)           Approvals            UL 50E         yes           Installation   Cable            Calle intification         971           Approval            Outer diameter insulation         1.3 mm           Outer diameter insulation         1.3 mm           Outer diameter rusculation         ±5 %           Conductor cossescion (wire)         90 °C           Operating temperature (static)         40 °C           Max. operating temperature (static)         40 °C <td< td=""><td>Mechanical data   Mounting data</td><td></td></td<>	Mechanical data   Mounting data	
Looking techniques         Schraubgewinde           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Mote on stain relief           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity           Product standard         DIN EN 61076-2-101 (M12)           Approvals		Schraubgewinde
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature may.         depending on cable quality           Important installation notes         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.           Contomity         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.           Contomity         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.           Contomity         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.           Contor         yes           Insolution         Insolutas the insolaton of the permissible tession of the permissible te	-	
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature mage         depending on cable quality           Important Installation notes         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 torces.           Conformity         Product standard           Product standard         DIN EN 61076-2-101 (M12)           Approvals         UL 50E           UL 50E         yes           Installation [Cable         Cable dentification           Outer diameter insulation         PUR           Anount wires         4           Outer diameter tolerance core insulation         ±5 %           Conduct crossesction (wire)         0.94 mm²           Max. operating temperature (fixed)         90 °C           Parating temperature (fixed)         90 °C           Parating temperature (fixed)         90 °C		
Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard           Product standard         DIN EN 61076-2-101 (M12)           Approvals         yes           Installation   Cable         ges           Cable identification         971           Material wire insulation         PUR           Amount wires         4           Outer diameter tolerance core insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Conductor crossection (wire)         0,34 mm²           Min. operating temperature (static)         40 °C           Operating temperature (mixed)         90 °C           Operating temperature max. (dynamic)         -25 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2           Fleme resistance	•	
Additional condition temperature range         depending on cable quality           Important installation notes         Event on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Approvals         UL 50E         yes           Installation   Cable         Pure           Cable identification         971           Material wire insulation         PUR           Amount wires         4           Outer diameter tolerance core insulation         1.3 mm           Outer diameter tolerance core insulation         1.5 %           Conductor crosssection (wire)         0.34 mm²           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         90 °C           Operating temperature main. (dynamic)         25 °C           Operating temperature main. (dynamic)         90 °C           Plane resistance         UL 1581 § 1100 FT2   UL 1581 § 1009   IEC 60332-2-2		
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         Endettion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Endettion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Endettion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Endettion:           Product standard         DIN EN 61076-2-101 (M12)           Approvals         yes           Ut. 50E         yes           Installation   Cable         Yes           Cable identification         971           Material wire insulation         PUR           Amount wires         4           Outer diameter tolerance core insulation         ±5 %           Conductor crossection (wire)         0,34 mm²           Min. operating temperature (fixed)         90 °C           Operating temperature min. (dynamic)         <		
Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Approvals         UL 50E         yes           Installation   Cable         Zeable identification         971           Cable identification         971         Material wire insulation         PUR           Amount wires         4         Outer diameter insulation         1,3 mm           Outer diameter insulation         1,3 mm         Outer diameter insulation         4.5 %           Conduct or cossection (wire)         0,34 mm <sup>2</sup> Outer diameter insulation         2.5 °C           Operating temperature (fixed)         90 °C         Protect for consultation         2.5 °C           Operating temperature max. (dynamic)         2.5 °C         Consultation         2.5 °C           Operating temperature max. (dynamic)         90 °C         Protect for consultation related testing           Gasoline resistance         Good, application-related testing         Good, application-related testing           Oir consultation         1.58 § 1100 FT2   UL 1581 § 1109 [ IEC 60332-2-2		
Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Approvals         UL 50E         yes           Installation   Cable         Volte of layer standard         PUR           Cable identification         971         Volte of layer standard         Quite diameter insulation         PUR           Amount wires         4         Volte of layer standard         Stall attriation (Vire)         0.34 mm <sup>2</sup> Outer diameter tolerance core insulation         1,3 mm         Volte of layer standard         90 °C           Min. operating temperature (static)         40 °C         Volte Classe standard         90 °C           Operating temperature min. (dynamic)         -25 °C         Operating temperature min. (dynamic)         -25 °C           Operating temperature max. (dynamic)         90 °C         Plane resistance         U. 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         Character standard           Gasoline resistance         Good, application-related testing         Good, application-related testing         Good, application-related testing           Oil resistance         Div Ne 08011-404   Good, application-related testing         Divert standard         Divert standard <td>•</td> <td>Bratast the connectors by suitable measures from mechanical loads, e.g. by the upage of apple tice</td>	•	Bratast the connectors by suitable measures from mechanical loads, e.g. by the upage of apple tice
Note on behalting radius         endangered by excessive bending forces.           Conformity         Endangered by excessive bending forces.           Product standard         DIN EN 61076-2-101 (M12)           Approvals         UL 50E         yes           Installation   Cable         PUR           Cable identification         971           Material wire insulation         PUR           Amount wires         4           Outer diameter insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Conductor crosssection (wire)         0,34 mm²           Min. operating temperature (static)         40 °C           Operating temperature (ixed)         90 °C           Flame resistance         UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 6032-2-2           chemical resistance         Good, application-related testing           Gasoline resistance         DIN EN 60811-404   Good, application-related testing		
Product standard         DIN EN 61076-2-101 (M12)           Approvals         ves           Installation   Cable         ves           Cable identification         971           Material wire insulation         PUR           Amount wires         4           Outer diameter insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Conductor crosssection (wire)         0,34 mm²           Max. operating temperature (static)         -40 °C           Operating temperature (fixed)         90 °C           Operating temperature min. (dynamic)         -25 °C           Operating temperature min. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Gasoline resistance         DIN EN 60811-404   Good, application-related testing	Note on bending radius	endangered by excessive bending forces.
Approvals         UL 50E       yes         Installation   Cable       2000000000000000000000000000000000000	Conformity	
UL 50E       yes         Installation   Cable       Ves         Cable identification       971         Material wire insulation       PUR         Amount wires       4         Outer diameter insulation       1,3 mm         Outer diameter tolerance core insulation       ± 5 %         Conductor crosssection (wire)       0,34 mm²         Min. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       90 °C         Operating temperature min. (dynamic)       -25 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oid, application-related testing       Din EN 60811-404   Good, application-related testing	Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable       971         Cable identification       971         Material wire insulation       PUR         Amount wires       4         Outer diameter insulation       1,3 mm         Outer diameter tolerance core insulation       ± 5 %         Conductor crosssection (wire)       0,34 mm²         Min. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       90 °C         Operating temperature min. (dynamic)       -25 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       DIN EN 60811-404   Good, application-related testing	Approvals	
Installation   Cable       971         Cable identification       971         Material wire insulation       PUR         Amount wires       4         Outer diameter insulation       1,3 mm         Outer diameter tolerance core insulation       ± 5 %         Conductor crosssection (wire)       0,34 mm²         Min. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       90 °C         Operating temperature min. (dynamic)       -25 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       DIN EN 60811-404   Good, application-related testing	UL 50E	Ves
Cable identification971Material wire insulationPURAmount wires4Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Conductor crosssection (wire)0,34 mm²Min. operating temperature (static)-40 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404   Good, application-related testing		
Material wire insulationPURAmount wires4Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Conductor crosssection (wire)0,34 mm²Min. operating temperature (static)-40 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404   Good, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testing	•	071
Amount wires4Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Conductor crosssection (wire)0,34 mm²Min. operating temperature (static)-40 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testing		
Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Conductor crosssection (wire)0,34 mm²Min. operating temperature (static)-40 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404   Good, application-related testing		
Outer diameter tolerance core insulation± 5 %Conductor crosssection (wire)0,34 mm²Min. operating temperature (static)-40 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404   Good, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testing		
Conductor crosssection (wire)0,34 mm²Min. operating temperature (static)-40 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testing		
Min. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       90 °C         Operating temperature min. (dynamic)       -25 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing		
Max. operating temperature (fixed)       90 °C         Operating temperature min. (dynamic)       -25 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing		
Operating temperature min. (dynamic)       -25 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing		
Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing	Operating temperature min. (dynamic)	
Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing	Operating temperature max. (dynamic)	
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testing	Flame resistance	
Gasoline resistance     Good, application-related testing       Oil resistance     DIN EN 60811-404   Good, application-related testing	chemical resistance	
Oil resistance DIN EN 60811-404   Good, application-related testing	Gasoline resistance	
	Oil resistance	
	Bending radius (fixed)	

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: 2024-05-19

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at