

## M12 female recept. A-cod. front

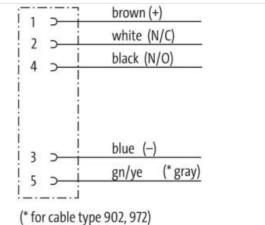
PP-wires 5x0.34 1m

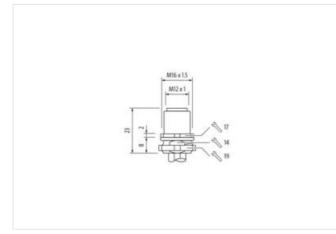
Flange female M12, 5-pole Front mounting with multi-strand wire

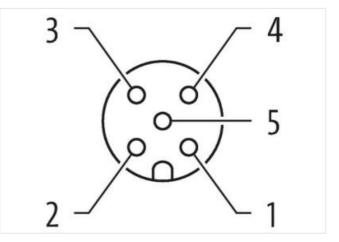
## Link to Product

## Illustration









Product may differ from Image



Cable length	1 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	

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

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MaterialCopper alloyMaterialZinc die-castingNo of poles5Degree of protection (EN IEC 60529)IP67Side 2	Thread	M12 x 1
Material contactCopper alloyMastralZinc die castingNo. of poles5Degres of protection (EN IEC 80529)IP67Side 2ContactCoating contactgold platedContage contactgold platedContage contactgold platedContage contact27279220ECLASS-6.027279220ECLASS-6.127279220ECLASS-6.327440103ECLASS-6.327440103ECLASS-6.127440103ECLASS-6.127440103ECLASS-7.027440103ECLASS-7.027440103ECLASS-7.027440103ECLASS-7.027440103ECLASS-7.027440103ECLASS-7.127440103ECLASS-7.227440103ECLASS-7.327440103ECLASS-7.127440103ECLASS-7.227440103ECLASS-7.227440103ECLASS-7.327440103ECLASS-7.327440103ECLASS-7.327440103ECLASS-7.327440103ECLASS-7.227440103ECLASS-7.227440103ECLASS-7.227440103ECLASS-7.227440103ECLASS-7.327440103ECLASS-7.327440103ECLASS-7.327440103ECLASS-7.227440103ECLASS-7.327440103ECLASS-7.327440103ECLASS-7.327440103ECLASS-7.327440103ECLASS-7.327440103ECLASS-7.32757 <td< td=""><td>Coding</td><td>A</td></td<>	Coding	A
No. of poles     5       Degree of protection (EN IEC 60523)     IP67       Side 2     Coating contact     gold plated       Conting contact     gold plated     Conting contact     Side 2       Coating contact     gold plated     Conting contact     Side 2       ECLASS 6.0     27278220     Side 2     Side 2       ECLASS 7.0     27440103     Side 2     Side 2       ECLASS 7.0	Material contact	Copper alloy
Degree of protection (EN IEC 60529)     IP67       Side 2     Conting conting     gold pland       Commercial dat     gold pland     Commercial dat       EQLASS 6.0     27279220     ECLASS 7.0     2740103       ECLASS 7.0     27440103     ECLASS 7.0     27440103       ECLASS 7.0     27440103     ECLASS 7.0     ECLASS 7.0       ECLASS 7.1     27440103     ECUASS 7.0     ECUASS 7.0       ECLASS 7.0     ECUASS 7.0     ECUASS 7.0     ECUASS 7.0       ECUASS 7.1     1     Ecuass 7.0     Ecuass 7.0     Ecuass 7.0       Ecure of Ecuastis </td <td>Material</td> <td>Zinc die-casting</td>	Material	Zinc die-casting
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ECLASS 6.1     272920       ECLASS 7.0     27440103       ECLASS 7.1     27440103       ECLASS 7.1     27440103       ECLASS 7.0     ECV0185       ECLASS 7.0     ECV0185       ECLASS 7.1     47440103       ECLASS 7.0     ECV0185       ECLASS 7.0     ECV0185       ECLASS 7.0     ECV0185       ECLASS 7.0     ECV0185       ECUASS 7.0     COV185       ECUASS 7.0     ECV0185       ECUASS 7.0     ECV0185       Operaing voltage AC max.     125 V       Operaing voltage AC max.     125 V       Operaing voltage AC max.     125 V       Device protection LED     no       Insialiation ICOnnectum     Mit x 1.5       Device protection I Electrical     Not       Protection NEMA     3, 4, 6 P       Additional condition protection degree     inserted	Commercial data	
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ECI.ASS-11.1     27440103       ECI.ASS-12.0     27440103       ETIM-5.0     EC001855       outsoms taiff number     8544290       GTIN     4048879295116       Packaging unit     1       Electrical data [Supply     Deparating voltage AC max.       Deparating voltage AC max.     125 V       Current operating per contact max.     4 A       Diagnostics     Diagnostics       Status indication LED     no       Installation   Connection     M16 x 1.5       Device protection [Electrical     Protection degree       Polition Degree     3       Rated surge voltage     1.5 kV       Material grave (Ec 69684-1)     1       Mechanical data [Material data     M2       Coating on (Ec 69684-1)     1       Mechanical data [Material data     M2       Coating on (Ec 69684-1)     1       Mechanical data [Material data     M2       Coating nousing     nickel plated       Coating on (Eck 69684-1)     1       Mechanical data [Material data     M2       Coating on (Eck 1)     1 <	ECLASS-9.0	27440103
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bustoms tariff number     85444290       GTIN     4048879295116       Packaging unit     1       Electrical data   Supply     Poperating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating per contact max.     4 A       Diagnostics     no       Status indication LED     no       Installation   Connection     Installation   Connection       Mounting set     M16 x 1.5       Device protection   Electrical     Inserted. screwed       Protection NEMA     3. 4, 6P       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     Inckel plated       Coating locking     vermessing1       Coating of fitting     nickel plated       Coating of fitting     Icc die- casting       Material gasket     FKM       Locking material     Zinc die- casting       Material gasket     FKM	ECLASS-12.0	27440103
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Mounting set     M16 x 1.5       Device protection   Electrical     Image: set inserted, screwed       Protection NEMA     3, 4, 6P       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     KV       Coating housing     nickel plated       Coating fousing     vermessingt       Coating locking     vermessingt       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Schraubgewinde       Looking techniques     Schraubgewinde       Looking techniques     Schraubgewinde       Looking techniques     Schraubgewinde       Doperating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		
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Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating housing   nickel plated     Coating locking   vermessingt     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Schraubgewinde     Looking techniques   Schraubgewinde     Doperating temperature min.   -25 °C     Operating temperature max.   85 °C     Addentional condition temperature range   depending on cable quality	Additional condition protection degree	
Material group (IEC 60664-1)   I     Mechanical data   Material data   nickel plated     Coating housing   nickel plated     Coating locking   vermessingt     Coating of fitting   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   Schraubgewinde     Mounting method   Schraubgewinde     Looking techniques   Schraubgewinde     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Mechanical data   Material data       Coating housing     nickel plated       Coating locking     vermessingt       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       Looking techniques     Schraubgewinde       Environmental characteristics   Climatic     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		1,5 kV
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Coating locking   vermessingt     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     Mounting method   Schraubgewinde     Looking techniques   Schraubgewinde     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Mechanical data   Material data	
Coating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataSchraubgewindeMounting methodSchraubgewindeLooking techniquesSchraubgewindeEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quality	Coating housing	nickel plated
Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   King     Mounting method   Schraubgewinde     Looking techniques   Schraubgewinde     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Coating locking	
Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Schraubgewinde     Mounting method   Schraubgewinde     Looking techniques   Schraubgewinde     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Coating of fitting	•
Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Schraubgewinde     Mounting method   Schraubgewinde     Looking techniques   Schraubgewinde     Environmental characteristics   Climatic   Schraubgewinde     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Material gasket	
Mechanical data   Mounting data     Mounting method   Schraubgewinde     Looking techniques   Schraubgewinde     Environmental characteristics   Climatic   Schraubgewinde     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Locking material	-
Mounting method   Schraubgewinde     Looking techniques   Schraubgewinde     Environmental characteristics   Climatic   C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Material screw connection	Zinc die-casting
Looking techniques   Schraubgewinde     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Mechanical data   Mounting data	
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Mounting method	Schraubgewinde
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quality	Looking techniques	Schraubgewinde
Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality	Environmental characteristics   Climation	c
Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality	Operating temperature max.	
	Additional condition temperature range	depending on cable quality

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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
Resistances   Cable	
Cable identification	972
wire arrangement	brown, white, blue, black, gray
Material wire insulation	PUR
Amount wires	5
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	±5%
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Electrical resistance line constant wire	58 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV
Power frequency withstand voltage (wire - jacket)	1,5 kV
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	9° 0°
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	Good, application-related testing   DIN EN 60811-404

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

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