

stay connected

## M12 male recept. A-cod. front

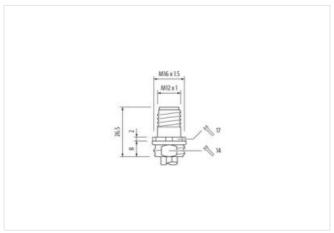
PUR-wires 8x0.25 1m

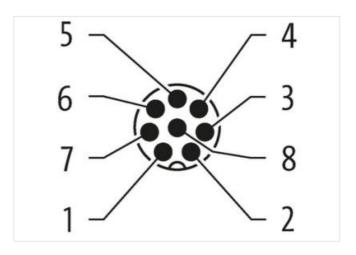
Flange male M12, 8-pole Front mounting with multi-strand wire

## **Link to Product**

## Illustration







Product may differ from Image









Cable length	1 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Family construction form	M12	

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21



stay connected

Material         Zinc de casting           Width aurous Fatte         SW14           Degree of profection (EN IEC 00528)         PP7           Commercial date         PP7           ECLASS 6.1         27279220           ECLASS 6.1         27279220           ECLASS 7.0         27440103           ECLASS 8.0         27440103           ECLASS 9.1         27440103           ECLASS 1.1         27440103           ECLASS 1.2         27440103           ECLASS 1.2.0         27440103           ECLASS 1.1         27440103           ECLASS 1.2.0         27440103	Thread	M12 x 1
Width Access lates         SW14           Degree of protection (EN IEC 60529)         IP67           Commercial data         P67           ECLASS 6.0         2778290           ECLASS 7.0         27440103           ECLASS 8.0         27440103           ECLASS 8.0         27440103           ECLASS 9.0         27440103           ECLASS 9.1.1         27440103           ECLASS 9.1.1         27440103           ECLASS 9.1.1         27440103           ECLASS 9.1.2         27440103           ECLASS 9.1.1         27440103           ECLASS 9.1.1         27440103           ECLASS 9.2.0         27440103           ECLASS 9.1.1         27440103           ECLASS 9.2.1         27440103           ECLASS 9.2.1         27440103           ECLASS 9.0         27440103           ECLASS 9	Material	
Commercial data         Commercial data           ECLASS 6.0         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-8.0.1         27440103           ECLASS-8.10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ECLASS-12.0         15001855           Customs tariff number         85444290           ECLASS-12.0         15001855           Customs tariff number         85444290           COPERIDIA OF ALEXA         30 V           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Pollucino Telectrical max.         A Experimental max.           Pollucino Telectrical max.         A Exper	Width across flats	•
ECLASS-6.0         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-9.1         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.1         ECOHISS           Locations frame         8544290           GTIN         4048879294881           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Cymrol operating per contact max.         2 A           Installation   Connection         Monthly 1.5           Perilection NEMA         3.4, 6P           Additional condition protection degree         3           Prollucion Degree         3           Rated stary (IEC 6064+1)         1           Meterial group (IEC 6064+1)         1           Mechanical data   Muerical data         Mock pelated           Mechanical data   Muerical data         Schraubgewinde           Environmental characteristica   Climatic         Climatic           Operatin	Degree of protection (EN IEC 60529)	IP67
ECLASS-6.0         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-9.1         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.1         ECOHISS           Locations frame         8544290           GTIN         4048879294881           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Cymrol operating per contact max.         2 A           Installation   Connection         Monthly 1.5           Perilection NEMA         3.4, 6P           Additional condition protection degree         3           Prollucion Degree         3           Rated stary (IEC 6064+1)         1           Meterial group (IEC 6064+1)         1           Mechanical data   Muerical data         Mock pelated           Mechanical data   Muerical data         Schraubgewinde           Environmental characteristica   Climatic         Climatic           Operatin	Commercial data	
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ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.2         27440103           ECLASS-12.0         27440103           ETIMS-5.0         ECO01885           COLORES         ECO01885           GTIN         494873294881           Peckaging unit         1           Electrical data Supply           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Current operating per cortact max.         2 A           Installation   Connection         M16 x 1.5           Mounting set         M6 x 1.5           Device protection   Electrical         Tenes (screwed)           Pollution Degree         3.4 x 6P           Additional condition protection degree         1. Interest, screwed           Pollution Degree         3. Raded surge voltage           Pollution Degree         3. Raded surge voltage           Value of Hitting         nickel plated           Material screw connection         Zmc dis-casting           Mechanical data   Mounting data         Markel plate           Mounting method         Schraubgewinde <td></td> <td></td>		
ECLASS 6.0         27440103           ECLASS 9.0         27440103           ECLASS 9.0         27440103           ECLASS 11.1         27440103           ECLASS 12.0         27440103           ETIM 5.0         EC001855           coulons staff number         85444290           GTIN         404873294981           Packaging unit         1           Electrical data I Supply         Poperating voltage AC max.           Operating voltage PC max.         30 V           Current operating per contact max.         2 A           Poperating voltage PC max.         30 V           Current operating per contact max.         2 A           Polistical Connection         White X 1.5           Mounting set         M16 x 1.5           Polistical NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Meternal group (EC 60684.1)         1           Mechanical data   Material data           Coaling of fitting         nickel plated           Mechanical data   Mounting data           Mechanical data   Mounting data           Mechanical data   Mounting		<del></del>
ECLASS 9.0         27440103           ECLASS 10.1         27440103           ECLASS 11.1         27440103           ECLASS 12.0         27440103           ECLASS 12.0         ECO01855           coustoms tariff number         8944290           GTIM         4049879294981           Packaging unit         1           Electrical data! Supply         Poperating voltage AC max.           Operating voltage DC max.         30 V           Current operating per contact max.         2 A           Unrent operating per contact max.         2 A           Verenting set         M16 x 1.5           Protection NEMA         3, 4, 5P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Malerial group (EC 60664-1)         1           Mechanical data   Mounting data         inkkel plated           Material screw connection         Zho die-casting           Mechanical data   Mounting data         Schraubgewinde           Locking techniques         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature max.         25 °C           Operating temperature max.	ECLASS-8.0	27440103
EGLASS-10.1         27440103           EGLASS-11.1         27440103           ETIM-5.0         EC001855           Customs tarif number         8544290           GTIN         4048878294881           Packaging unit         1           Electrical data   Supply         Perating voltage PC max.           Operating voltage PC max.         30 V           Operating voltage rcontact max.         2 A           Installation   Connection         Work representation of the protection		
ECILAS-12.0         27440103           ETIM 5.0         EC001855           customs laft fumber         8544290           GTIN         4048878294881           Packaging unit         1           Electrical data [Suppty           Operating voltage AC max.         30 V           Operating voltage PC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Installation   Connection           Mounting set         M16 x 1.5           Device protection   Electrical         Protection NEMA           Protection NEMA         3, 4, 6P           Additional condition protection degree         Inserted, screwed           Pollution Dogree         3           Rated surge voltage         0,8 kV           Material group (IEC 6064-1)         1           Mechanical data   Material data         Coating of fitting           Multivarial screw connection         Zinc de-assing           Mechanical data   Munting data         Multivarial screw connection           Mechanical data   Munting data         Multivarial screw connection           Mechanical data   Munting data         Fortuna degree in capability           Multivarial screw connection         Zirc Coperating temperature min.	ECLASS-10.1	27440103
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404887294881           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         2 A           Installation   Connection           Mounting set         M16 x 1.5           Device protection   Electrical         Testification   Connection           Device protection   Electrical         Testification   Connection           Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material surge vol	ECLASS-11.1	27440103
customs tariff number         85444290           GTIN         4048878294881           Peckaging unit         1           Electrical data   Supply         0           Operating voltage AC max.         30 V           Operating portage per contact max.         2 A           Installation   Connection         Work Projection Percentage           Mounting set         M16 x 1.5           Poetice protection   Electrical         Projection NEMA           Postice protection   Electrical         Projection NEMA           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Atleated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data   Mounting data         Incide plated           Material group (EC 60664-1)         1           Mechanical data   Mounting data         Schraubgewinde           Mounting method         Schraubgewinde           Looking techniques         Schraubgewinde           Environmental characteristics   Climatic         Cperating temperature min.         25 °C           Operating temperature min.         25 °C         Cperating temperature min.         25 °C           Operating temperature max.         85 °C	ECLASS-12.0	27440103
GTIN         404887924881           Packaging unit         1           Electrical data   Supply         Coperating voltage AC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Missallation   Connection           Mounting set         Mife x 1.5           Device protection   Electrical         Protection NEMA         3.4,6P           Additional condition protection degree         13         3           Pollution Degree         3         3           Rated surge voltage         0.8 kV           Malerial group (IEC 60664-1)         1           Mechanical data   Material data         Insert degree with a strain group (IEC 60664-1)           Mechanical data   Mounting data         Schraubgewinde           Mechanical data   Mounting data         Schraubgewinde           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         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply         30 V           Operating voltage AC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         M16 x 1.5           Mounting set         M16 x 1.5           Device protection   Electrical         Protection NEMA           Politotion Degree         3           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Inserted, screwed           Mechanical data   Mounting data         Inserted, screwed           Mechanical data   Mounting data         Inserted, screwed           Mechanical data   Mounting data         Schraubgewinde           Looking techniques         Schraubgewinde           Environmental characteristics   Climatic         Coperating temperature min. <td< td=""><td>customs tariff number</td><td>85444290</td></td<>	customs tariff number	85444290
Peraing voltage AC max.	GTIN	4048879294881
Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Installation   Connection   Co	Packaging unit	1
Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Installation   Connection   Co	Electrical data   Supply	
Operating voitage DC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         M16 x 1.5           Device protection   Electrical         V           Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voitage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Western Control of fitting           Mechanical data   Mounting data         Minchanical data   Mounting data           Mounting method         Schraubgewinde           Locking techniques         Schraubgewinde           Coperating temperature min.         25 °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.           Approvals         Ut. 50E         yes           Li Sole identification         973           Amberial wite usualion         White, brown, green, yellow, gray, pink, blue, red           Amount wites         8	Operating voltage AC max.	30 V
Installation   Connection  Mounting set M16 x 1.5  Device protection   Electrical  Protection NEMA 3. 4, 6P Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) 1  Mechanical data   Material data  Coating of fitting nickel plated Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method Schraubgewinde  Looking techniques Schraubgewinde  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.  Approvals  UL 50E yes  Installation   Cable  Cable identification yes  Amount wires 8  8  8  8  8  8  8  8  8  8  8  8  8	Operating voltage DC max.	
Installation   Connection         Mile x 1.5           Device protection   Electrical         Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Metarial group (IEC 60684-1)         1           Mechanical data   Material data         Mechanical data   Material data           Coating of fitting         nickel plated           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         Schraubgewinde           Looking techniques         Schraubgewinde           Environmental characteristics   Climatic         Climatic           Environmental characteristics   Climatic         Comperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Vote on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Approvals         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		2 A
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Coating of fitting nickel plated Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method Schraubgewinde Looking techniques Schraubgewinde  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.  Approvals  UL 50E yes  Installation   Cable  Cable identification 973 wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8	Material group (IEC 60664-1)	I
Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method Schraubgewinde Looking techniques Schraubgewinde  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.  Approvals  UL 50E yes  Installation   Cable  Cable identiffication 973  wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8	Mechanical data   Material data	
Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method Schraubgewinde Looking techniques Schraubgewinde  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.  Approvals  UL 50E yes  Installation   Cable  Cable identiffication 973  wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8	Coating of fitting	nickel plated
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Operating temperature max.  Additional condition temperature range  depending on cable quality  Important installation notes  Note on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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.  Approvals  UL 50E  yes  Installation   Cable  Cable identification  973  wire arrangement  white, brown, green, yellow, gray, pink, blue, red  Material wire insulation  PUR  Amount wires  8	·	
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.  Approvals  UL 50E yes  Installation   Cable  Cable identification 973  wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8	<u> </u>	
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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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Approvals  UL 50E yes  Installation   Cable Cable identification 973 wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8		depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Approvals  UL 50E yes  Installation   Cable  Cable identification 973 wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8	•	
Approvals  UL 50E yes  Installation   Cable Cable identification 973  wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation  PUR  Amount wires 8	Note on strain relief	, , , , , , , , , , , , , , , , , , , ,
UL 50E yes  Installation   Cable  Cable identification 973 wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8	Note on bending radius	
Installation   Cable  Cable identification 973 wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8	Approvals	
Cable identification 973 wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8	UL 50E	yes
wire arrangement white, brown, green, yellow, gray, pink, blue, red  Material wire insulation PUR  Amount wires 8	Installation   Cable	
Material wire insulation PUR Amount wires 8	Cable identification	973
Amount wires 8	wire arrangement	white, brown, green, yellow, gray, pink, blue, red
	Material wire insulation	PUR
Outer diameter insulation 1,25 mm	Amount wires	8
	Outer diameter insulation	1,25 mm

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: 2024-05-21



Conductor crosssection (wire)	0,25 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 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter