

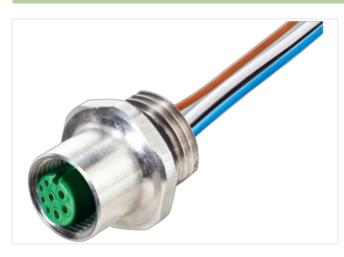
## M12 female recept. A-cod. FM F&B Pro

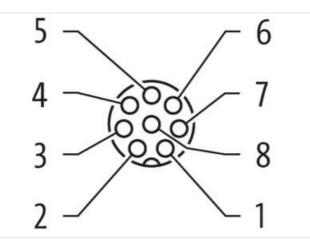
wires PUR 8x0.25 0,2m

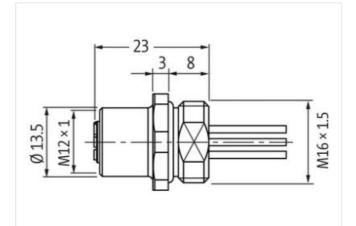
F&B Pro Flange female M12, 8-pole Front mounting Stainless steel 1.4404 (V4A) IP69K Further cable lengths on request.

## Link to Product

Illustration



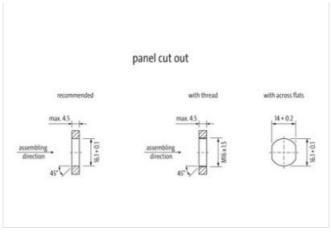




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Product may differ from Image



Side 1       Tightening torque     0.6 Nm       Family construction form     M12       Thread     M12 x 1       Coding     A       No. of poles     8       Width across flats     SW14       Degree of protection (EN IEC 60529)     IP67, IP69K       Commercial data     27279220       ECLASS-6.0     27279220       ECLASS-7.0     27440103       ECLASS-7.0     27440103       ECLASS-8.0     27440103       ECLASS-8.0     27440103       ECLASS-11.1     27440103       ECLASS-12.0     27440103 </th <th>Cable length</th> <th>0,2 m</th>	Cable length	0,2 m
Family construction form     M12       Thread     M12 x 1       Coding     A       No. of poles     8       Width across flats     SW14       Degree of protection (EN IEC 60529)     IP67, IP69K       Commercial data     27279220       ECLASS-6.0     27279200       ECLASS-7.0     27440103       ECLASS-8.0     27440103       ECLASS-9.0     27440103       ECLASS-9.0     27440103       ECLASS-1.1     27440103       ECLASS-1.2     27440103       ECLASS-1.1     27440103       ECLASS-1.1     27440103       ECLASS-1.1     27440103       ECLASS-1.2.0     27440103       ECLASS-1.1     27440103       ECLASS-1.2.0     27440103       ECLASS-1.1     27440103       ECLASS-1.2.0     27440103       ECLASS-1.2.0     27440103       ECLASS-1.2.0     27440103       ETIM-5.0     EC001855       Customs tariff number     85444290       GTN     40482979756846       Packaging	Side 1	
Thread     M12 x 1       Coding     A       No. of poles     8       Widh across flats     SW14       Degree of protection (EN IEC 60529)     IP67, IP69K       Commercial data     ECLASS-6.0       ECLASS-6.1     27279220       ECLASS-7.0     27440103       ECLASS-8.0     27440103       ECLASS-9.0     27440103       ECLASS-9.0     27440103       ECLASS-9.0     27440103       ECLASS-1.1     27440103       ECLASS-9.0     27440103       ECLASS-1.1     27440103       ECLASS-1.1     27440103       ECLASS-1.1     27440103       ECLASS-1.2     27440103       ECLASS-1.1     27440103       ECLASS-1.1     27440103       ECLASS-1.1     27440103       ECLASS-1.1     27440103       ECLASS-1.1     27440103       Eclass-1.2.0     27440103       Guisms tariff number     85444290       GTIN     4048879756846       Packaging unit     1       Electrical data   Supply <td>Tightening torque</td> <td>0,6 Nm</td>	Tightening torque	0,6 Nm
Coding     A       No. of poles     8       Width across flats     SW14       Degree of protection (EN IEC 60529)     IP67, IP69K       Commercial data     2727920       ECLASS 6.0     2727920       ECLASS 6.1     2727920       ECLASS 7.0     27440103       ECLASS 9.0     27440103       ECLASS 9.0     27440103       ECLASS 9.0     27440103       ECLASS 1.1     27440103       ECLASS 1.2     27440103       ECLASS 1.1     27440103       ECLASS 1.1     27440103       ECLASS 1.1     27440103       ECLASS 1.2.0     27440103       Curst at at the state st	Family construction form	M12
No. of poles     8       Width across flats     SW14       Degree of protection (EN IEC 60529)     IP67, IP69K       Commercial dat     ECLASS-6.0       ECLASS-6.0     27279220       ECLASS-6.1     27279220       ECLASS-7.0     27440103       ECLASS-8.0     27440103       ECLASS-9.0     27440103       ECLASS-9.0     27440103       ECLASS-1.1     27440103       ECLASS-1.2     27440103       ECLASS-1.1     27440103       ECLASS-1.2.0     27440103       ECLASS-1.1     27440103       ECLASS-1.2.0     27440103       ETIM-5.0     EC001855       oustoms tariff number     85444290       GTIN     4048879756846       Packaging unit     1       Electrical data   Supply     Corrent operating voltage AC max.       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Diagnostics     Exterical data   Suppl       Status indication LED     no	Thread	M12 x 1
Width across flats     SW14       Degree of protection (EN IEC 60529)     IP67, IP69K       Commercial data     ECLASS-6.0     27279220       ECLASS-6.1     27279220     ECLASS-6.1     27279220       ECLASS-6.0     27240103     ECLASS-7.0     27440103       ECLASS-8.0     27440103     ECLASS-9.0     27440103       ECLASS-9.0     27440103     ECLASS-9.0     27440103       ECLASS-10.1     27440103     ECLASS-9.0     27440103       ECLASS-10.0     27440103     ECLASS-9.0     ECLASS-9.0       ECLASS-10.1     27440103     ECLASS-9.0     ECLASS-9.0       ECLASS-10.0     27440103     ECLASS-9.0     ECLASS-9.0       ECLASS-10.0     ECO01855     Ecustastastastastastastastastastastastastas	Coding	A
Degree of protection (EN IEC 60529)     IP67, IP69K       Commercial data     E       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       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ECIASS-12.0     27440103       ECIASS	No. of poles	8
Commercial data       ECLASS-6.0     27279220       ECLASS-6.1     27279220       ECLASS-7.0     27440103       ECLASS-8.0     27440103       ECLASS-9.0     27440103       ECLASS-1.1     27440103       ECLASS-1.2.0     27440103       ETIM-5.0     ECO1855       customs tariff number     85444290       GTIN     4048879756846       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       Diagnostics        Status indication LED     no       Installation   Connect	Width across flats	SW14
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       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879756846       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       Diagnostics        Status indication LED     no       Installation   Connection     Mu16 x 1.5	Degree of protection (EN IEC 60529)	IP67, IP69K
ECLASS-6.1     27279220       ECLASS-7.0     2740103       ECLASS-8.0     2740103       ECLASS-9.0     2740103       ECLASS-10.1     2740103       ECLASS-11.1     2740103       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ETIM-5.0     EC01855       customs tariff number     85444290       GTIN     4048879756846       Packaging unit     1       Electrical data   Suply        Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Diagnostics        Status indication LED     no       Installation   Connection     M16 x 1.5	Commercial data	
ECLASS-7.0   27440103     ECLASS-8.0   27440103     ECLASS-9.0   27440103     ECLASS-10.1   27440103     ECLASS-11.1   27440103     ECLASS-12.0   27440103     ECLASS-12.0   27440103     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879756846     Packaging unit   1     Electrical data   Supply   0     Operating voltage AC max.   30 V     Operating per contact max.   2 A     Diagnostics   2 A     Diagnostics   no     Installation   Connection   M16 x 1.5	ECLASS-6.0	27279220
ECLASS-8.0     27440103       ECLASS-9.0     27440103       ECLASS-10.1     27440103       ECLASS-11.1     27440103       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879756846       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       Diagnostics        Status indication LED     no       Installation   Connection     M16 x 1.5	ECLASS-6.1	27279220
ECLASS-9.0     27440103       ECLASS-10.1     27440103       ECLASS-11.1     27440103       ECLASS-12.0     27440103       ECLASS-12.0     27440103       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879756846       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       OJ Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Diagnostics     Status indication LED       Status indication LED     no       Installation   Connection     M16 x 1.5	ECLASS-7.0	27440103
ECLASS-10.1     27440103       ECLASS-11.1     27440103       ECLASS-12.0     27440103       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879756846       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       Diagnostics        Status indication LED     no       Installation   Connection     M16 x 1.5	ECLASS-8.0	27440103
ECLASS-11.1     27440103       ECLASS-12.0     27440103       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879756846       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.     30 V       Operating voltage DC max.     30 V     Operating per contact max.     2 A       Diagnostics     Status indication LED     no     M16 x 1.5	ECLASS-9.0	27440103
ECLASS-12.0     27440103       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879756846       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Diagnostics     status indication LED       Status indication LED     no       Installation   Connection     M16 x 1.5	ECLASS-10.1	27440103
ETIM-5.0EC001855customs tariff number85444290GTIN4048879756846Packaging unit1Electrical data   SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.2 ADiagnosticsStatus indication LEDnoInstallation   ConnectionM16 x 1.5	ECLASS-11.1	27440103
customs tariff number85444290GTIN4048879756846Packaging unit1Electrical data   SupplyOperating voltage AC max.30 V30 VOperating voltage DC max.30 VCurrent operating per contact max.2 ADiagnosticsImage: Status indication LEDStatus indication LEDnoInstallation   ConnectionM16 x 1.5	ECLASS-12.0	27440103
GTIN4048879756846Packaging unit1Electrical data   SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.2 ADiagnosticsStatus indication LEDnoInstallation   ConnectionMounting setM16 x 1.5	ETIM-5.0	EC001855
Packaging unit1Electrical data   Supply0Operating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.2 ADiagnostics0Status indication LEDnoInstallation   ConnectionM16 x 1.5	customs tariff number	85444290
Electrical data   Supply     Operating voltage AC max.   30 V     Operating voltage DC max.   30 V     Current operating per contact max.   2 A     Diagnostics     Status indication LED   no     Installation   Connection     Mounting set   M16 x 1.5	GTIN	4048879756846
Operating voltage AC max.   30 V     Operating voltage DC max.   30 V     Current operating per contact max.   2 A     Diagnostics   Status indication LED     Installation   Connection   M16 x 1.5	Packaging unit	1
Operating voltage DC max.   30 V     Current operating per contact max.   2 A     Diagnostics   Status indication LED     Installation   Connection   M16 x 1.5	Electrical data   Supply	
Current operating per contact max.   2 A     Diagnostics	Operating voltage AC max.	30 V
Diagnostics   Status indication LED no   Installation   Connection   Mounting set M16 x 1.5	Operating voltage DC max.	30 V
Status indication LED no   Installation   Connection M16 x 1.5	Current operating per contact max.	2 A
Installation   Connection   Mounting set M16 x 1.5	Diagnostics	
Mounting set M16 x 1.5	Status indication LED	no
	Installation   Connection	
Device protection   Electrical	Mounting set	M16 x 1.5
	Device protection   Electrical	

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Protection NEMA	3, 4, 6P
Additional condition protection degree	screwed, mounted
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Locking material	Stainless steel 1.4404 (V4A)
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	105 °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.
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
Outer diameter insulation	1,25 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
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

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