

## M12 Power male recept. K-cod. front

PUR-wires 0.25 1m

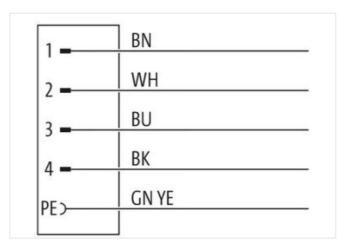
Power Flange male M12, 5-pole K-coded Front mounting with multi-strand wire

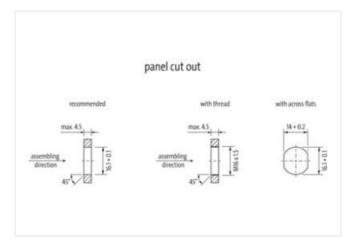
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

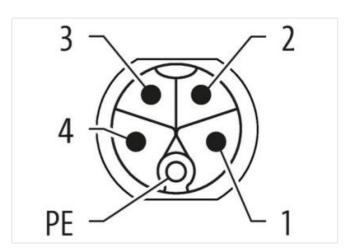
## **Link to Product**

## Illustration



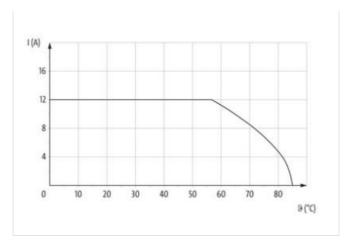


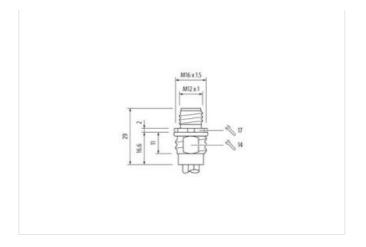






stay connected





Product may differ from Image











Family construction form M12P Thread M12 x 1 Coding K No. of poles 5  Commercial data  ECLASS-6.0 27279220 ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 127440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 127440103 ECLASS-10.1 12740103 ECLASS-10.1 127440103	Cable length	1 m
Family construction form M12P Thread M12 x 1 Coding K No. of poles 5  Commercial data  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-10.1 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 12440103 ECLASS-10.1	Side 1	
Thread	Tightening torque	0,6 Nm
Coding         K           No. of poles         5           Commercial data           ECLASS-6.0         27279220           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-9.0         27440103           ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ECIMIN-5.0         ECOUDEG           customs tariff number         85444290           GTIN         4048879759205           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         12 A           Diagnostics         Status indication LED           Status indication   Connection         Mounting set           Mounting set         M16 x 1.5           Width across flats         SW17           Device protection   Electrical           Degree of protection   Electrical	Family construction form	M12P
No. of poles 5  Commercial data  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-11.1 27440103  ECLASS-11.1 27440103  ECLASS-12.0 27440103  ECLASS-11.1 27440103  ECLASS-12.0 2740103  ECLASS-12.0 27440103  ECLASS-12.0 27440103  ECLASS-12.0 27440103  ECLASS-12.0 274401	Thread	M12 x 1
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         EC002061           customs tariff number         85444290           GTIN         4048879759205           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         12 A           Diagnostics           Status indication LED         no           Installation   Connection           Mounting set         M16 x 1.5           Width across flats         SW17           Device protection   Electrical           Degree of protection   Electrical	Coding	К
ECLASS-6.0 27279220  ECLASS-7.0 27440103  ECLASS-8.0 27440103  ECLASS-9.0 27440103  ECLASS-10.1 27440103  ECLASS-10.1 27440103  ECLASS-10.1 27440103  ECLASS-11.1 27440103  ECLASS-12.0 27440103  ETIM-5.0 ECOQUETION  COURT AUTOR A	No. of poles	5
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-11.1 27440103  ECLASS-12.0 27440103  ETIM-5.0 EC002061  customs tariff number 8544290  GTIN 4048879759205  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 600 V  Current operating per contact max. 12 A  Diagnostics  Status indication LED no  Installation   Connection  Mounting set M16 x 1.5  Width across flats SW17  Device protection   Electrical  Degree of protection   Electrical	Commercial data	
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ECLASS-8.0 27440103  ECLASS-9.0 27440103  ECLASS-10.1 27440103  ECLASS-11.1 27440103  ECLASS-12.0 27440103  ETIM-5.0 EC002061  customs tariff number 85444290  GTIN 4048879759205  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 600 V  Current operating per contact max. 12 A  Diagnostics  Status indication LED no  Installation   Connection  Mounting set M16 x 1.5  Width across flats SW17  Device protection   Electrical  Degree of protection   Electrical  Degree of protection   Electrical	ECLASS-6.1	27279220
ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETIM-5.0 EC002061 customs tariff number 85444290 GTIN 4048879759205 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 600 V Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation   Connection  Mounting set M16 x 1.5 Width across flats SW17  Device protection   Electrical  Degree of protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	ECLASS-7.0	27440103
ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETIM-5.0 EC002061 customs tariff number 85444290 GTIN 4048879759205 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 600 V Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation   Connection  Mounting set M16 x 1.5 Width across flats SW17  Device protection   Electrical  Degree of protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	ECLASS-8.0	27440103
ECLASS-11.1 27440103  ECLASS-12.0 27440103  ETIM-5.0 EC002061  customs tariff number 85444290  GTIN 4048879759205  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 600 V  Current operating per contact max. 12 A  Diagnostics  Status indication LED no  Installation   Connection  Mounting set M16 x 1.5  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67		27440103
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Operating voltage AC max. 600 V Current operating per contact max. 12 A  Diagnostics Status indication LED no Installation   Connection  Mounting set M16 x 1.5 Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	Packaging unit	1
Current operating per contact max. 12 A  Diagnostics  Status indication LED no  Installation   Connection  Mounting set M16 x 1.5  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	Electrical data   Supply	
Diagnostics Status indication LED no Installation   Connection  Mounting set M16 x 1.5 Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	Operating voltage AC max.	600 V
Status indication LED no  Installation   Connection  Mounting set M16 x 1.5  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	Current operating per contact max.	12 A
Installation   Connection  Mounting set M16 x 1.5  Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	Diagnostics	
Mounting set M16 x 1.5 Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	Status indication LED	no
Width across flats SW17  Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	Installation   Connection	
Device protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67	Mounting set	M16 x 1.5
Degree of protection (EN IEC 60529) IP65, IP67	Width across flats	SW17
	Device protection   Electrical	
Additional condition protection degree inserted, screwed	Degree of protection (EN IEC 60529)	IP65, IP67
	Additional condition protection degree	inserted, screwed



stay connected

Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating housing	nickel plated
Coating locking	nickel plated
Material housing	Brass
Locking material	Brass
Mechanical data   Mounting data	
Mounting method	inserted, screwed
Environmental characteristics   Climatic	
	05.00
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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	IEC 61076-2-111
Resistances   Cable	
Cable identification	988
wire arrangement	brown, white, blue, black, green-yellow
Cable weigth	107,25 g/m
Material wire insulation	PUR
Amount wires	5
Outer diameter insulation	2,4 mm
Outer diameter tolerance core insulation	± 5 %
Amount strands (wire)	30
Diameter of single wires	0,25 mm
Conductor crosssection (wire)	1,5 mm²
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	900 V
Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
wife	
AC withstand voltage (wire - wire)	3,31 kV
	3,31 kV 3,31 kV
AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire -	
AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)	3,31 kV
AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)	3,31 kV -40 °C
AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)	3,31 kV -40 °C 90 °C
AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)	3,31 kV -40 °C 90 °C -25 °C
AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)	3,31 kV  -40 °C  90 °C  -25 °C  90 °C
AC withstand voltage (wire - wire)  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance	3,31 kV  -40 °C  90 °C  -25 °C  90 °C  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090