

M12 Power male recept. K-cod. front

PUR-wires 0.25 1m

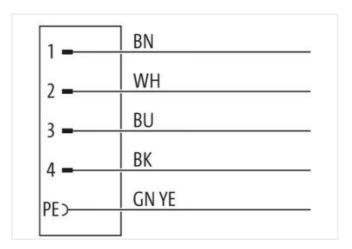
Power Flange male M12, 5-pole K-coded Front mounting with multi-strand wire

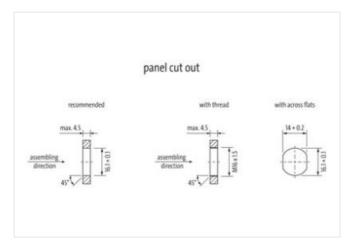
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

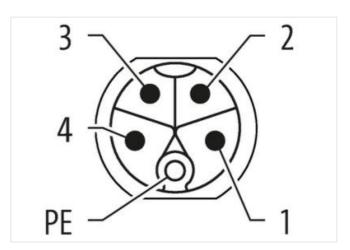
Link to Product

Illustration



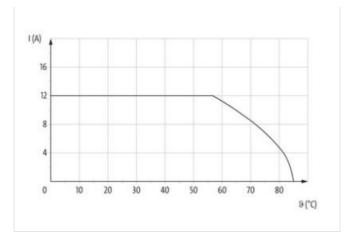


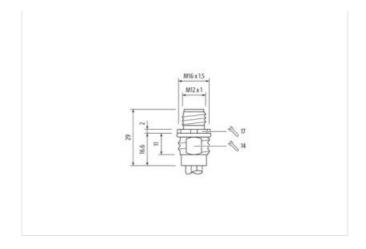






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Product may differ from Image











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
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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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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



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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	
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
Cable weigth Material wire insulation	107,25 g/m PUR
Material wire insulation	PUR
Material wire insulation Amount wires	PUR 5
Material wire insulation Amount wires Outer diameter insulation	PUR 5 2,4 mm
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires	PUR 5 2,4 mm ± 5 %
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire)	PUR 5 2,4 mm ± 5 % 30
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires	PUR 5 2,4 mm ± 5 % 30 0,25 mm
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Electrical resistance line constant wire AC withstand voltage (wire - wire)	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V 13,3 Ω/km @ 20 °C
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static)	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V 13,3 Ω/km @ 20 °C 3,31 kV 3,31 kV
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed)	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V 13,3 Ω/km @ 20 °C 3,31 kV 3,31 kV -40 °C 90 °C
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V 13,3 Ω/km @ 20 °C 3,31 kV -40 °C 90 °C -25 °C
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	PUR 5 2,4 mm ±5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V 13,3 Ω/km @ 20 °C 3,31 kV -40 °C 90 °C -25 °C 90 °C
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V 13,3 Ω/km @ 20 °C 3,31 kV -40 °C 90 °C -25 °C 90 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Electrical resistance line constant wire 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 chemical resistance	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V 13,3 Ω/km @ 20 °C 3,31 kV 3,31 kV -40 °C 90 °C -25 °C 90 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Electrical resistance line constant wire 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	PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V 13,3 Ω/km @ 20 °C 3,31 kV -40 °C 90 °C -25 °C 90 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090