

M12 Power male recept. K-cod. front

PUR-wires 0.25 0.5m

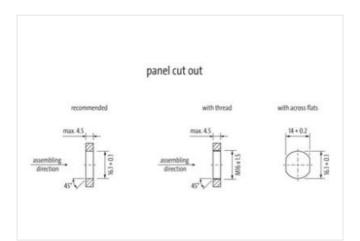
Power Flange male M12, 5-pole K-coded Front mounting with multi-strand wire The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

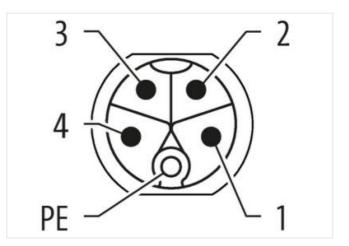
Link to Product

Illustration



1 -	BN	
2 -		
3 -	BU	
4 -	ВК	
PE>	GN YE	

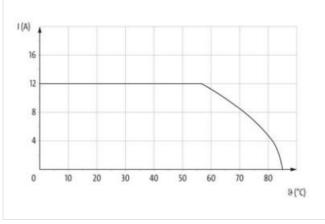


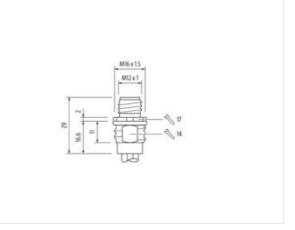


The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-22

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com







Product may differ from Image



Cable length	0,5 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12P
Thread	M12 x 1
Coding	К
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-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC002061
customs tariff number	85444290
GTIN	4048879759199
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
Additional condition protection degree	inserted, screwed

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: 2024-05-22

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com



Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	Ι
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. Operating temperature max.	-25 °C 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	
wire arrangement	brown, white, blue, black, green-yellow
wire arrangement Cable identification	brown, white, blue, black, green-yellow 988
Cable identification	
-	988
Cable identification wire arrangement	988 brown, white, blue, black, green-yellow
Cable identification wire arrangement Cable weigth	988 brown, white, blue, black, green-yellow 107,25 g/m
Cable identification wire arrangement Cable weigth Material wire insulation	988 brown, white, blue, black, green-yellow 107,25 g/m PUR
Cable identification wire arrangement Cable weigth Material wire insulation Amount wires	988 brown, white, blue, black, green-yellow 107,25 g/m PUR 5
Cable identification wire arrangement Cable weigth Material wire insulation Amount wires Outer diameter insulation	988 brown, white, blue, black, green-yellow 107,25 g/m PUR 5 2,4 mm ± 5 % 30
Cable identification wire arrangement Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires	988 brown, white, blue, black, green-yellow 107,25 g/m PUR 5 2,4 mm ± 5 %
Cable identification wire arrangement Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	988 brown, white, blue, black, green-yellow 107,25 g/m PUR 5 2,4 mm ± 5 % 30
Cable identification wire arrangement Cable weigth 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	988 brown, white, blue, black, green-yellow 107,25 g/m PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned
Cable identification wire arrangement Cable weigth 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)	988 brown, white, blue, black, green-yellow 107,25 g/m PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5
Cable identification wire arrangement Cable weigth 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.	988 brown, white, blue, black, green-yellow 107,25 g/m PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V
Cable identification wire arrangement Cable weigth 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	988 brown, white, blue, black, green-yellow 107,25 g/m 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
Cable identification wire arrangement Cable weigth 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)	988 brown, white, blue, black, green-yellow 107,25 g/m PUR 5 2,4 mm ± 5 % 30 0,25 mm 1,5 mm² copper stranded wire, tinned Strand class 5 900 V
Cable identification wire arrangement Cable weigth 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)	988 brown, white, blue, black, green-yellow 107,25 g/m 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
Cable identification wire arrangement Cable weigth 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)	988 brown, white, blue, black, green-yellow 107,25 g/m 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
Cable identification wire arrangement Cable weigth 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)	988 brown, white, blue, black, green-yellow 107,25 g/m 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
Cable identification wire arrangement Cable weigth 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)	988 brown, white, blue, black, green-yellow 107,25 g/m 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
Cable identification wire arrangement Cable weigth 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 max. (dynamic) Operating temperature max. (dynamic)	988 brown, white, blue, black, green-yellow 107,25 g/m 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
Cable identification wire arrangement Cable weigth 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 max. (dynamic) Flame resistance	988 brown, white, blue, black, green-yellow 107,25 g/m 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 -25 °C 90 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Cable identification wire arrangement Cable weigth 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 max. (dynamic) Flame resistance chemical resistance	988 brown, white, blue, black, green-yellow 107,25 g/m 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 -25 °C 90 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing
Cable identification wire arrangement Cable weigth Material wire insulation Amount wires Outer diameter insulation 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 max. (dynamic) Flame resistance	988 brown, white, blue, black, green-yellow 107,25 g/m 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 -25 °C 90 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090

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: 2024-05-22

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com