

M12 female recept. A-cod. shielded rear

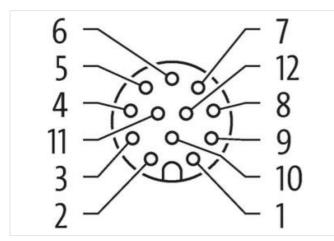
PUR 12x0.14 shielded bk UL/CSA+drag ch. 0.3m

Flange female M12, 12-pole shielded Rear mounting Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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Product may differ from Image

FN ®			
Cable length	0,3 m		
Side 1			
Tightening torque	0,6 Nm		

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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



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Width across flats SW Device protection Electrical Protection NEMA 3, 4 Additional condition protection degree ins Pollution Degree 3	
Device protection Electrical Protection NEMA 3, 4 Additional condition protection degree ins Pollution Degree 3	16 x 1.5
Protection NEMA 3, 4 Additional condition protection degree ins Pollution Degree 3	N19
Additional condition protection degree ins Pollution Degree 3	
Pollution Degree 3	4, 6P
-	serted, screwed
Rated surge voltage 0,8	
	8 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking nic	ckel plated
Coating of fitting nic	ckel plated
Locking material Bra	ass
	ass
Mechanical data Mounting data	
	serted, screwed
-	
Environmental characteristics Climatic	
	5°C
Additional condition temperature range dep	pending on cable quality
Important installation notes	
Note on strain relief Pro	
Note on bending radius Att end	otect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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UL 50E	yes
Installation Cable	
Cable identification	706
	3
Cable Type Jacket Color	3 black
Type of Certificate	cURus
Amount stranding	
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
wire arrangement	gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue
Traversing distance (C-track)	5 m @ 25 °C horizontal
Cable weigth	67,1 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	12
Outer diameter insulation	1 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Ingredient freeness wire insulation Amount strands (wire)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 18
Amount strands (wire)	18
Amount strands (wire) Diameter of single wires	18 0,1 mm
Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	18 0,1 mm 0,14 mm ²
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	18 0,1 mm 0,14 mm² Stranded copper wire, bare
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max.	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature min. (dynamic)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature min. (dynamic) Operating temperature max. (dynamic)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity (standard) Current load capacity (wire - wire) Power frequency withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) UV resistance Flame resistance chemical resistance	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) UV resistance Flame resistance Gasoline resistance	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity (standard) Current load capacity (wire - wire) Power frequency withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance chemical resistance Oil resistance	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation OIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing Good, application-related testing
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard) Current load capacity (standard) Current load capacity (wire - wire) Power frequency withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance chemical resistance Oil resistance Oil resistance Bending radius (fixed)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing S x Outer diameter
Amount strands (wire)Diameter of single wiresConductor crosssection (wire)Material conductor wireConductor type (wire)Nominal voltage AC max.Current load capacity (standard)Current load capacity (standard)Current load capacity min. wireElectrical resistance line constant wireAC withstand voltage (wire - wire)Power frequency withstand voltage (wire - jacket)AC withstand voltage (wire - shield)Min. operating temperature (static)Max. operating temperature (fixed)Operating temperature min. (dynamic)UV resistanceFlame resistancechemical resistanceGasoline resistanceOil resistanceBending radius (fixed)Bending radius (dynamic)	18 0,1 mm 0,14 mm² Stranded copper wire, bare strand class 6 300 V to DIN VDE 0298-4 2 A 138 Ω/km @ 20 °C 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing IDN EN Good, application-related testing Good, application-related testing
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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



Torsion stress

Torsion speed

± 30 °/m 35 cycles/min