

## **Push Pull Power with cable AIDA**

PUR 5x2.5 gy UL/CSA+drag ch. 7m

Male straight PPP, 5-pole Push Pull Power with cable sleeves

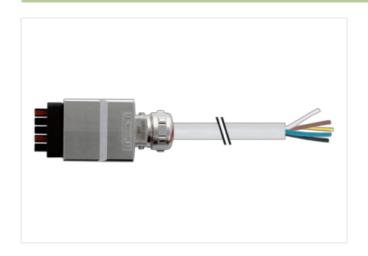
Further cable lengths on request.

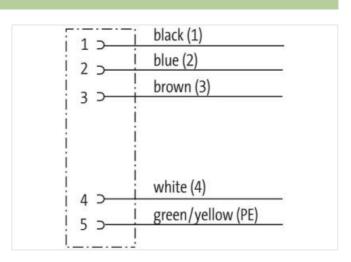
Plastic housings with good resistance against chemicals and oils.

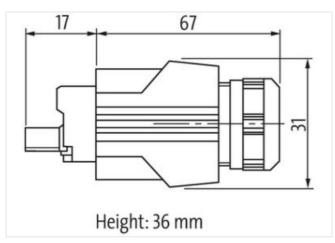
The resistance to aggressive media should be individually tested for your application. Further details on request.

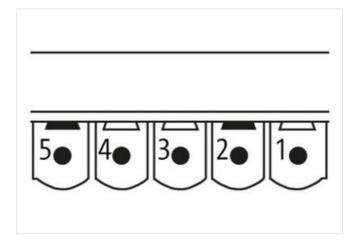
## **Link to Product**

## Illustration









Product may differ from Image

Cable length	7 m
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311

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: 2024-05-19



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ECLASS-11.1	27060311
ECLASS-11.1	27060327
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879684002
Packaging unit	1
	'
Electrical data   Supply	
Operating voltage AC max.	24 V
Operating voltage DC max.	24 V
Current operating per contact max.	16 A
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	2
Mechanical data   Mounting data	
Looking techniques	Push Pull
Environmental characteristics   Climatic	
Operating temperature min.	-40 °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.
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Installation   Cable	
Installation   Cable wire arrangement	green-yellow, blue 2, black 1, white 4, brown 3
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wire arrangement	green-yellow, blue 2, black 1, white 4, brown 3
wire arrangement  Cable identification	green-yellow, blue 2, black 1, white 4, brown 3 962
wire arrangement  Cable identification  Cable Type	green-yellow, blue 2, black 1, white 4, brown 3 962 3
wire arrangement Cable identification Cable Type Printing color of wire insulation	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR  90 ± 5 Shore A
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  9,5 mm
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  9,5 mm  ± 5 %
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  9,5 mm  ± 5 %  PP
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  9,5 mm  ± 5 %  PP
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wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation	green-yellow, blue 2, black 1, white 4, brown 3 962 3 black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) gray cURus 1 5 wires around Core filler twisted yes green-yellow, blue 2, black 1, white 4, brown 3 190,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 9,5 mm ± 5 % PP 5 2,85 mm ± 5 % 60 ± 5 Shore D
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	green-yellow, blue 2, black 1, white 4, brown 3  962 3 black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray cURus 1 5 wires around Core filler twisted  yes green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 9,5 mm ± 5 %  PP 5 2,85 mm ± 5 % 60 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)  gray  cURus  1  5 wires around Core filler twisted  yes  green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  9,5 mm  ± 5 %  PP  5  2,85 mm  ± 5 %  60 ± 5 Shore D  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  black (white isolation), white (isolation blue), white (isolation black)
wire arrangement Cable identification Cable Type Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	green-yellow, blue 2, black 1, white 4, brown 3  962  3  black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) gray cURus  1  5 wires around Core filler twisted yes green-yellow, blue 2, black 1, white 4, brown 3  190,3 g/m  PUR  90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 9,5 mm ± 5 %  PP  5  2,85 mm ± 5 %  60 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)



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Conductor type (wire)	strand class 6
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	19,5 A
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min