

Push Pull Power / Push Pull Power AIDA

PUR 5x2.5 gy UL/CSA+drag ch. 0.3m

Male straight - male straight PPP - PPP, 5-pole Push Pull Power

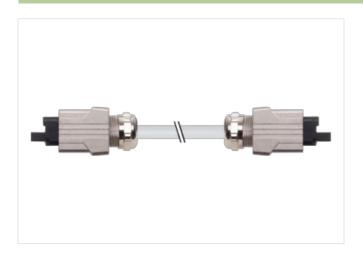
Further cable lengths on request.

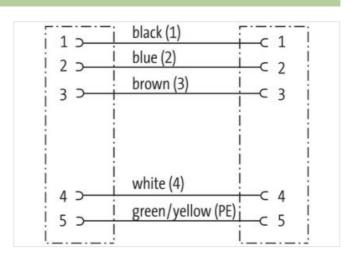
Plastic housings with good resistance against chemicals and oils.

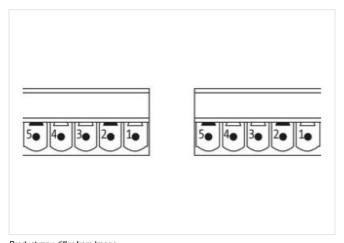
The resistance to aggressive media should be individually tested for your application. Further details on request.

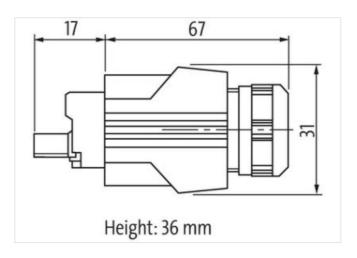
Link to Product

Illustration









Product may differ from Image

0,3 m	
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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: 2024-05-17



stay connected

ECLASS-12.0	27060327
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879113724
Packaging unit	1
<u> </u>	
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
Mechanical data Mounting data	
Looking techniques	Push Pull
Environmental characteristics Climatic	
· ·	-40 °C
Operating temperature min.	-40 °C 85 °C
Operating temperature max.	depending on cable quality
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	962
Cable Type	3
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Filler twisted
Filler	yes
wire arrangement	green-yellow, blue 2, black 1, white 4, brown 3
Cable weigth	190,3 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
Freedom from ingredients (jacket) Outer-diameter (jacket)	9,5 mm
Outer-diameter (jacket) Tolerance outer diameter (sheath)	9,5 mm ± 5 %
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	9,5 mm ± 5 % PP
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	9,5 mm ± 5 % PP 5
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	9,5 mm ± 5 % PP 5 2,85 mm
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	9,5 mm ± 5 % PP 5 2,85 mm ± 5 %
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	9,5 mm ± 5 % PP 5 2,85 mm ± 5 % 60 ± 5 Shore D
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	9,5 mm ± 5 % PP 5 2,85 mm ± 5 % 60 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation	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)
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	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) 140
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires	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) 140 0,15 mm
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	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) 140 0,15 mm 2,5 mm²
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	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) 140 0,15 mm 2,5 mm² Stranded copper wire, bare
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	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) 140 0,15 mm 2,5 mm² Stranded copper wire, bare strand class 6
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track)	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) 140 0,15 mm 2,5 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max.	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) 140 0,15 mm 2,5 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C 1000 V
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard)	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) 140 0,15 mm 2,5 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C 1000 V to DIN VDE 0298-4
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire	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) 140 0,15 mm 2,5 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C 1000 V to DIN VDE 0298-4 19,5 A
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	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) 140 0,15 mm 2,5 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C 1000 V to DIN VDE 0298-4 19,5 A 8 Ω/km @ 20 °C
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire	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) 140 0,15 mm 2,5 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C 1000 V to DIN VDE 0298-4 19,5 A



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 (installation)	x Outer diameter
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min