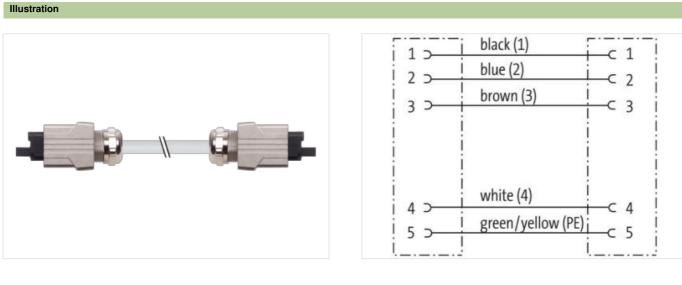


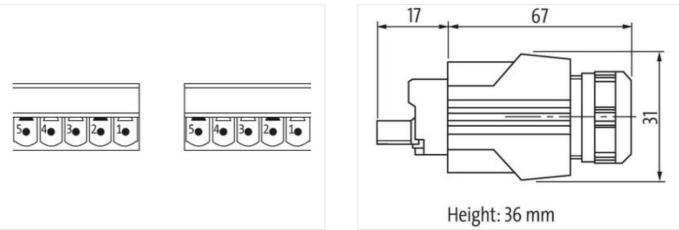
## Push Pull Power / Push Pull Power AIDA

PUR 5x2.5 gy UL/CSA+drag ch. 10m

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





Product may differ from Image

Cable length	10 m	
Commercial data		
ECLASS-6.0	27279218	
ECLASS-7.0	27279218	
ECLASS-8.0	27279218	
ECLASS-9.0	27060311	
ECLASS-10.1	27060311	
ECLASS-11.1	27060311	

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ECLASS-12.0	27060327
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879113663
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	24 V
Operating voltage DC max.	24 V 24 V
Current operating per contact max.	16 A
	10 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	
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.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Installation   Cable	
wire arrangement	green-yellow, blue 2, black 1, white 4, brown 3
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 Core 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
Outer-diameter (jacket)	9,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	2,85 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Amount strands (wire)	140
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	2,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	1000 V
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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

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