

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

PUR 5x2.5 gy UL/CSA+drag ch. 7.5m

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

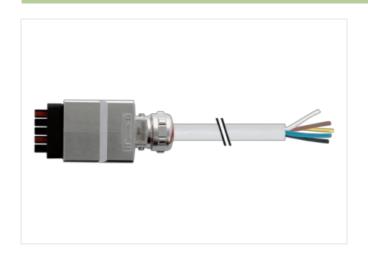
Further cable lengths on request.

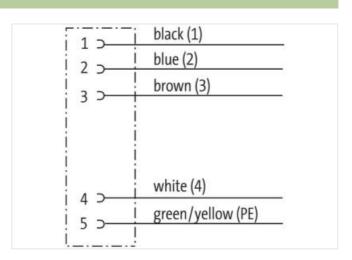
Plastic housings with good resistance against chemicals and oils.

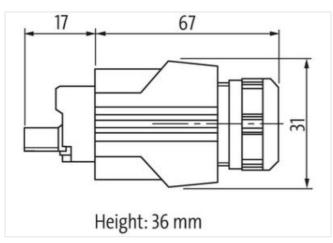
The resistance to aggressive media should be individually tested for your application. Further details on request.

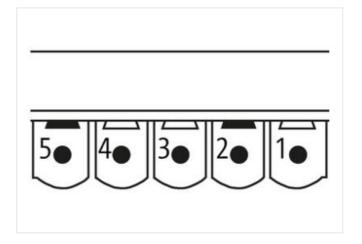
## **Link to Product**

## Illustration









Product may differ from Image

Cable length	7,5 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: 2024-05-18



stay connected

ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879113854
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.
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 %
	± 5 % 60 ± 5 Shore D
Outer diameter tolerance core insulation	
Outer diameter tolerance core insulation Shore hardness wire insulation	60 ± 5 Shore D
Outer diameter tolerance core insulation  Shore hardness wire insulation  Ingredient freeness wire insulation	60 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire)	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 tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation	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 tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires	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



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