Push Pull Power / Push Pull Power AIDA

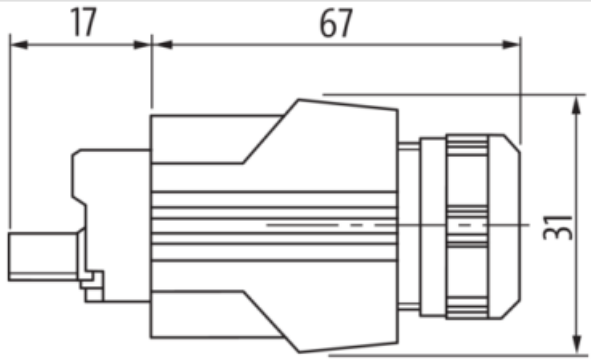
PUR 5x2.5 gy UL/CSA+drag ch. 50m

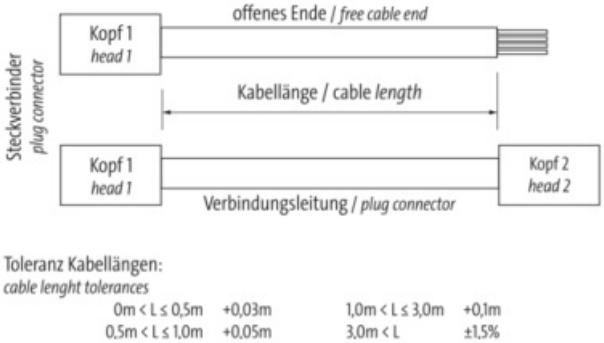
Art.No.: 7000-99641-9625000
Weight: 9.709
Country of origin: CZ
Model designation: MSWPAL0-WPA-U962_50.0

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

Header	
Material short text	MSWPAL0-WPA-U962_50.0
Cable length	50.0 m
Side 1	
Family construction form	Push Pull Power
No. of poles	5
Gender	female
Cable outlet	straight
Degree of protection (EN IEC 60529)	IP67, IP65
Side 2	
Family construction form	Push Pull Power
No. of poles	5
Gender	female
Cable outlet	straight
Degree of protection (EN IEC 60529)	IP67, IP65
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-99641-9625000
GTIN	4048879485685
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060327
ECLASS-9.1	27060311
ECLASS-10.0.1	27060311
ECLASS-10.1	27060311
ECLASS-11.0	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ECLASS-13.0	27060311
ECLASS-14.0	27060311

MURR ELEKTRONIK
stay connected

ETIM-5.0	EC002599
ETIM-6.0	EC002599
ETIM-7.0	EC002599
ETIM-8.0	EC002599
customs tariff number	85444290
EAN	4048879485685
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)	IP67, IP65
Additional condition protection degree	inserted, screwed
Rated surge voltage signal contacts	4 kV
Mechanical data | Material data	
Material housing	Zinc die-casting
Coating housing	nickel plated
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 bending radius	**Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Installation | Cable	
Cable identification	962
Cable Type	3
Function cable	Power
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 wire insulation	PP
Amount wires	5
Outer diameter insulation	2.85 mm
Outer diameter tolerance core insulation	± 0.1 mm
Shore hardness wire insulation	60 5 Shore D
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Printing color of wire insulation	white (isolation blue), white (isolation brown), white (isolation black), black (white isolation)
Amount strands (wire)	140
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	2.5 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	9.5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR

Shore hardness jacket	90 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)	7.98 Ω/km @ 20 °C
Nominal voltage AC max.	1,000 V
Withstand voltage (wire - wire)	10 kV @ 60 s
Withstand voltage (wire - jacket)	10 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	19.5 A
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
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × 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
Acceleration (C-track)	5 m/s² @ 25 °C
No. of torsion cycles	5 Mio.
Torsion stress	180 °C
Torsion speed	35 cycles/min