Push Pull Power / Push Pull Power AIDA

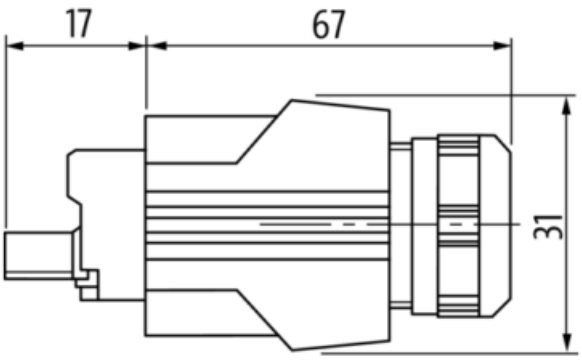
PUR 5x2.5 gy UL/CSA+drag ch. 1m

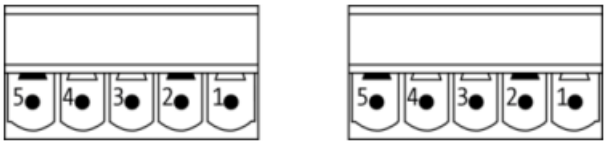
Art.No.: 7000-99641-9620100
Weight: 0.384 kg
Country of origin: CZ
Model designation: MSWPAL0-WPA-U962_1.0

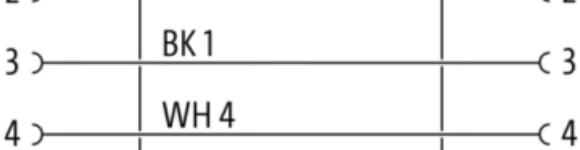
Male straight – male straight
PPP – PPP, 5-pole
Push Pull Power
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

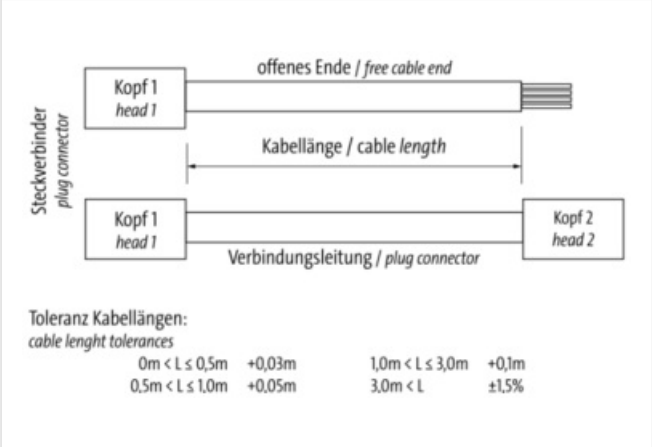
Link to Product

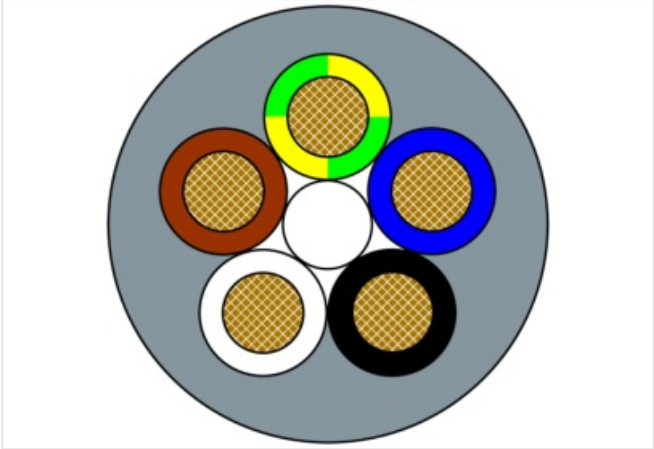
Illustration











Product may differ from Image

Cable length	1,00 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/7000-99641-9620100
GTIN	4048879113700
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
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
ETIM-5.0	EC002599
ETIM-6.0	EC002599
ETIM-7.0	EC002599
ETIM-8.0	EC002599

customs tariff number	85444290
EAN	4048879113700
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	
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	
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	2.85 mm ± 0.1 mm
Conductor crosssection (wire)	2,5 mm²
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	140 × 0.15 mm
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor resistance (wire)	7.98 Ω/km @ 20 °C
Nominal voltage max.	1.000 V
Withstand voltage (wire - wire)	10 kV @ 60 s
Withstand voltage (wire - jacket)	10 kV @ 60 s
Current load capacity max. (wire)	19,5 A
Current load capacity (standard)	to DIN VDE 0298-4
Stranding	1 × 5 wires around core filler twisted
Filler	Yes
Wire arrangement	GNYE, BU 2, BK 1, WH 4, BN 3
Material jacket	PUR
Outer-diameter (jacket)	9.5 mm ± 5 %
Jacket Color	gray / RAL 7040
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Operating temperature (static)	-50 °C … 80 °C / 90 °C @ 10000 h Operation
Operating temperature (dynamic)	-25 °C … 80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-1-2, IEC 60332-2-2, UL 1581 § 1080, CSA FT2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes

Notes	application-related testing
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 °/m
Torsion speed	35 cycles/min