

## Push Pull Power / Push Pull Power AIDA

PUR 5x2.5 gy UL/CSA+drag ch. 17m

Male straight – male straight

PPP – PPP, 5-pole

Push Pull Power

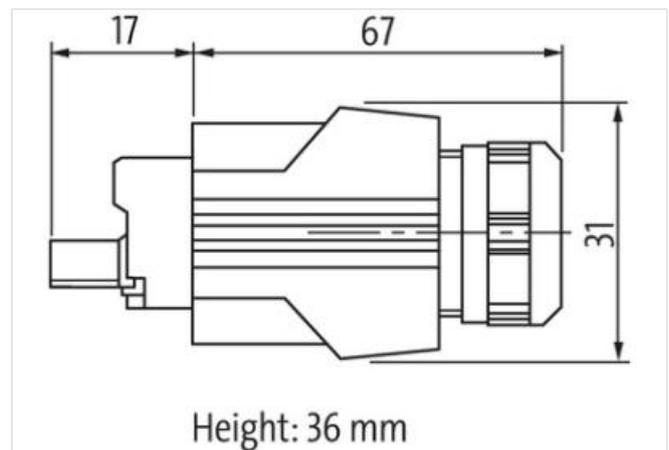
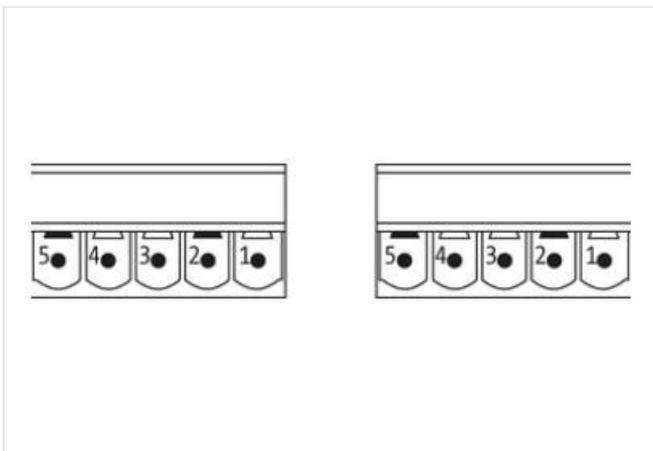
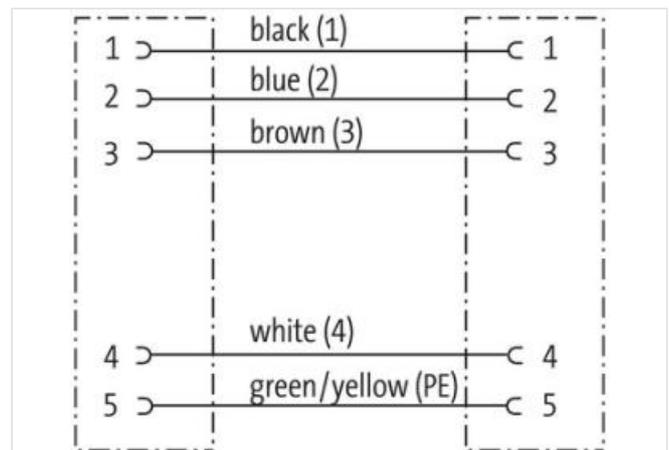
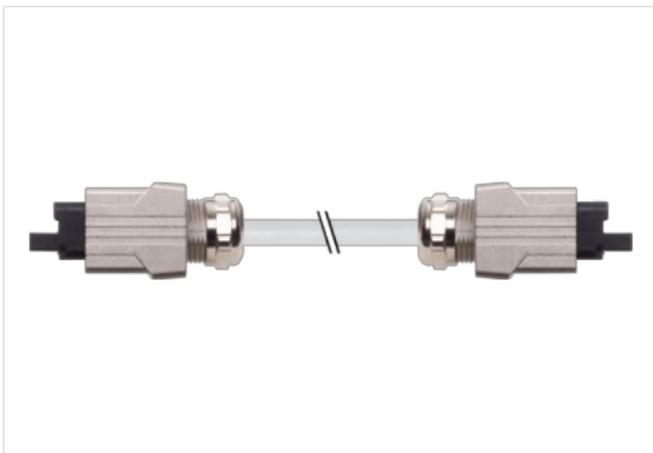
Further cable lengths on request.

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

#### Form

Form 99641

#### Technical Data

Operating voltage	max. 24 V AC/DC
Operating current per contact	max. 16 A
Locking of ports	Push Pull
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)

#### General data

Temperature range -40...+85 °C, depending on cable quality

<b>Cables</b>	
No./diameter of wires	5× 2.5 mm <sup>2</sup>
Wire isolation	PP (br, wh, bl, bk num, gnye)
C-track properties	5 Mio.
Outer Ø	9.7 mm ±5%
Cable identification	962
Approval (cable)	UL (AWM-Style 21223/11172), CSA; CE
Cable weight [g/m]	190,3 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 7.98 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	140× 0.15 mm (multi-strand wire class 6)
Diameter (core)	5× 2.5 mm <sup>2</sup>
AWG	similar to AWG 14
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	60 ±5 D
Wire-Ø incl. isolation	2.8 mm ±5%
Color/numbering of wires	bl, bk, wh, br, num; gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 ±5 A
Outer-Ø (jacket)	9.7 mm ±5%
Color (jacket)	gray
Jacket Color	gray
chemical resistance	good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)
Nominal voltage	600 V AC
Test voltage	3000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-50...+80 °C
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-20...+80 °C
Temperature range (mobile)	-20...+80 °C
Bend radius (fixed)	7.5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>
Material (jacket)	PUR (UL/CSA)
Product article number of manufacturer	7000-99641-9621700
Cable length	17 m