

M12 Power female 0° L-cod. / Push Pull Power AIDA

PUR 4x1.5 bk UL/CSA+drag ch. 0.3m

Male straight – female straight

M12 L-coded - PPP, 4-pole

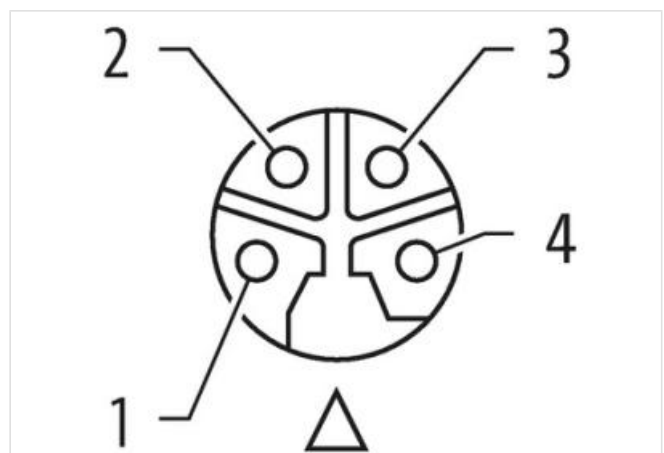
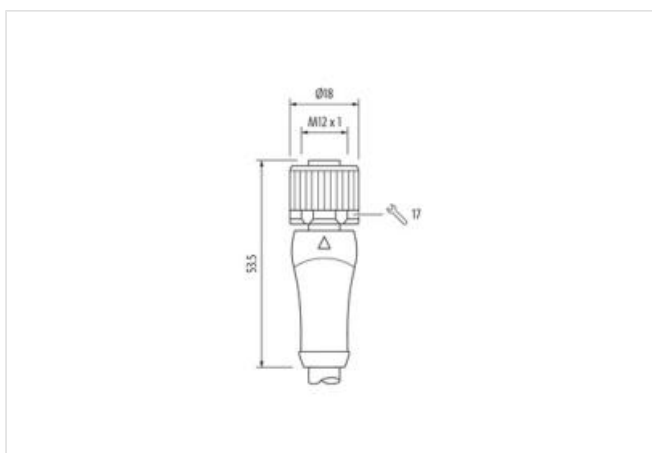
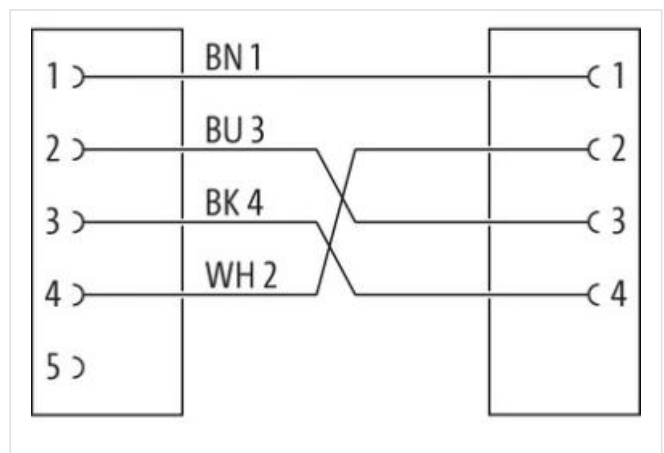
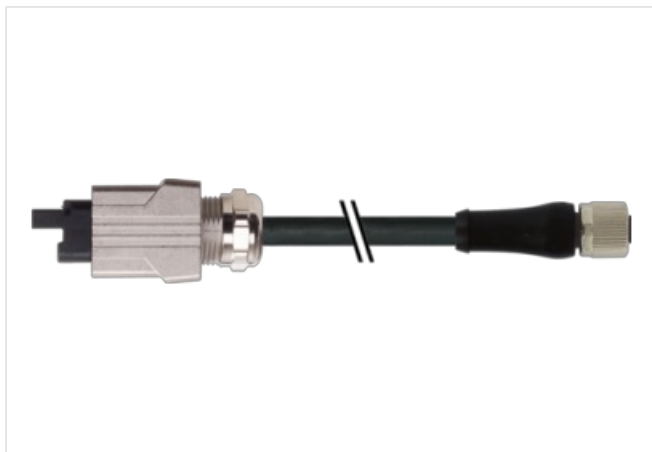
Push Pull Power

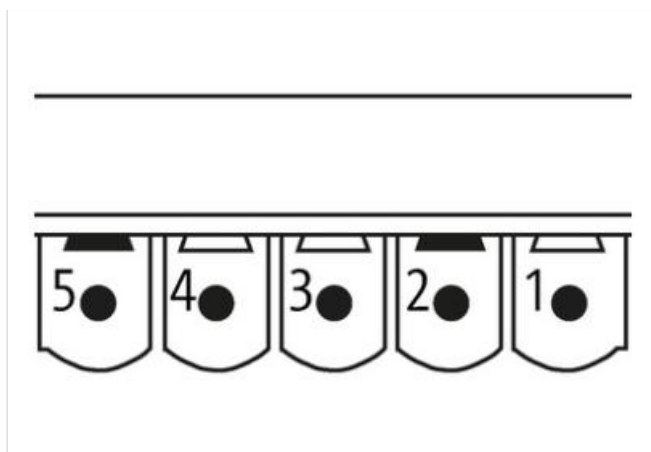
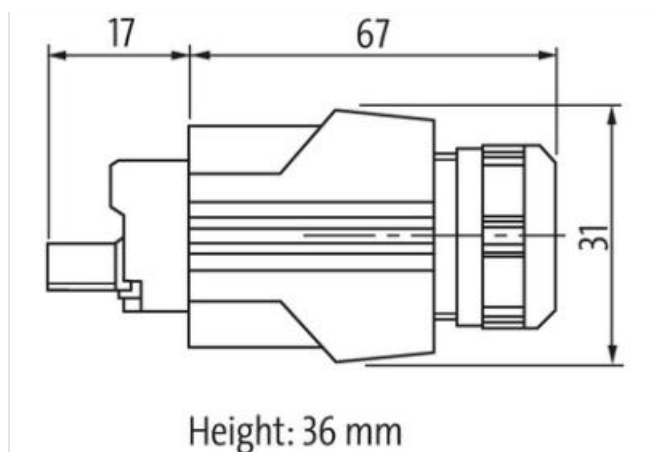
with cable sleeves

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.

Further cable lengths on request.

[Länk till produkt](#)**Illustration**



Produkten kan skilja sig från bilden



Cable length 0,3 m

Side 1

Mounting method	inserted, screwed
Family construction form	M12P
suitable for corrugated tube (internal Ø)	12 mm
Coding	L
No. of poles	4

Side 2

Mounting method	inserted, screwed
Family construction form	Push Pull Power
No. of poles	4

Kommersiella uppgifter

ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
Förpackningsenhet	1
GTIN	4048879860154
Kundens tullnummer	85444290

Electrical data | Supply

Operating voltage AC max.	24 V
Operating voltage DC max.	24 V
Current operating per contact max.	12 A

Installation | Connection

Width across flats	SW17
--------------------	------

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Locking screw coating	Nickeled
Locking material	Zinc die-casting

Mechanical data | Mounting data

Mounting method	Push Pull
-----------------	-----------

Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Conformity

Product standard	IEC 61076-2-111
------------------	-----------------

Installation | Cable

Cable identification	P07
Cable Type	3
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 4, blue 3, white 2, brown 1
Cable weight	114,4 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)	7,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	2,3 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)	84
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	1,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	5 Mio. @ 25 °C
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	14,4 A
Electrical resistance line constant wire	13,3 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 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)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio. 25 °C
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m