

M12 male 0° / M12 female 0° A-cod. AIDA

PUR 5x0.34 ye UL/CSA+drag ch. 0.8m

AIDA conform

Male straight – female straight

M12 – M12, 5-pole

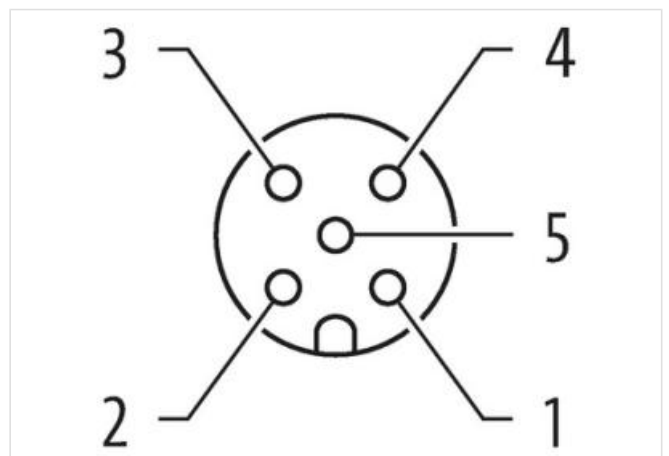
Plastic housings with good resistance against chemicals and oils.

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

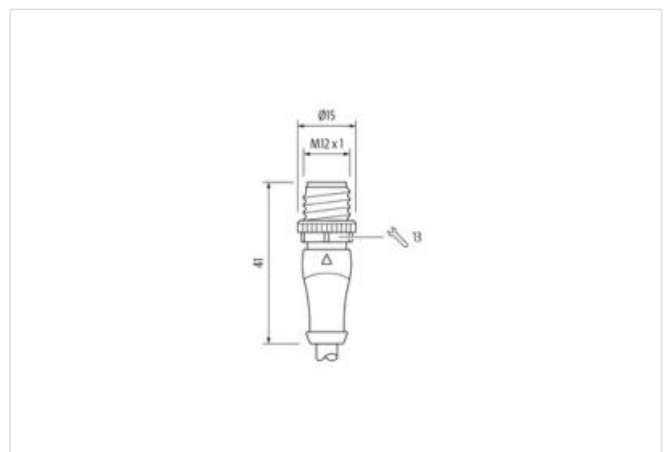
Further cable lengths on request.

[Link til produkt](#)

Illustrasjon



1	brown (+)	C 1
2	white (N/C)	C 2
4	black (N/O)	C 4
3	blue (-)	C 3
5	gn/ye (gray)	C 5





Produktet kan avvike fra bildet



Cable length	0,8 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	straight
Coding	A
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	straight
Coding	A
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Handelsinformasjon	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855

GTIN 4048879793377

 Pakkestørrelse 1
 Tolltariffnummer 85444290

Electrical data | Supply

 Operating voltage AC max. 125 V
 Operating voltage DC max. 125 V
 Operating voltage AC (UL-listed) 30 V
 Operating voltage DC (UL-listed) 30 V
 Current operating per contact max. 4 A

Device protection | Electrical

 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

 Coating locking Nickeled
 Locking material Zinc die-casting

Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

Environmental characteristics | Climatic

 Operating temperature min. -25 °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.

Conformity

Product standard DIN EN 61076-2-101 (M12)

Installation | Cable

 Cable identification 126
 Cable Type 3
 Jacket Color yellow
 Type of Certificate cURus
 Amount stranding 1
 Stranding 5 wires around Core filler twisted
 Filler yes
 wire arrangement brown, black, blue, white, gray
 Cable weight 41,8 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) 4,8 mm
 Tolerance outer diameter (sheath) ± 5 %
 Material wire insulation PP
 Amount wires 5
 Outer diameter insulation 1,25 mm
 Outer diameter tolerance core insulation ± 5 %
 Shore hardness wire insulation 70 ± 5 Shore D
 Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
 Amount strands (wire) 42

Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °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 IEC 60332-2-2 UL 1581 § 1090
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min