

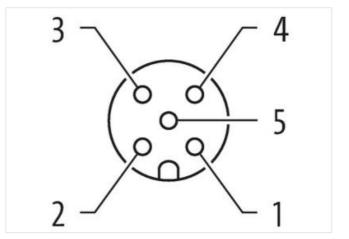
## M12 male 0° / M12 female 0° A-cod. AIDA

PUR 5x0.34 ye UL/CSA+drag ch. 4m

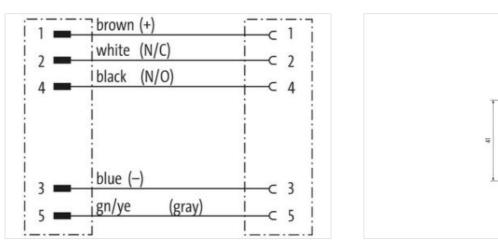
AIDA conform Male straight – female straight M12 – M12, 5-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



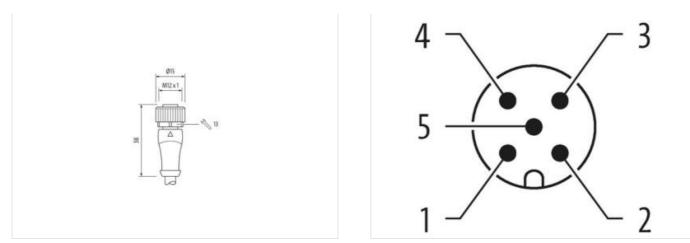


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Product may differ from Image



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Cable length	4 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 $\emptyset$ )	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 $\emptyset$ )	10 mm
Cable outlet	straight
Coding	A
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
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

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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879483322
Packaging unit	1
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)	
Mechanical data   Material data	
Coating locking	Nickeled
Locking material	Zinc die-casting
Mechanical data   Mounting data	
	incarted account Obalian antestian
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	035
Cable Type	3
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	
	1
Stranding	1 5 wires around Core filler twisted
Stranding Filler	
-	5 wires around Core filler twisted
Filler	5 wires around Core filler twisted yes
Filler wire arrangement	5 wires around Core filler twisted yes brown, black, blue, white, green-yellow
Filler wire arrangement Cable weigth	5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m
Filler wire arrangement Cable weigth Material jacket	5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   41,8 g/m   PUR
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   41,8 g/m   PUR   90 ± 5 Shore A
Filler   wire arrangement   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)	5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   41,8 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Filler   wire arrangement   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)	5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   41,8 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,8 mm
Filler   wire arrangement   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)	5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   41,8 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,8 mm   ± 5 %   PP   5
Filler   wire arrangement   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation	5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   41,8 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,8 mm   ± 5 %   PP
Filler   wire arrangement   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter tolerance core insulation	5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   41,8 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,8 mm   ± 5 %   PP   5   1,25 mm   ± 5 %
Filler   wire arrangement   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter insulation	5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   41,8 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,8 mm   ± 5 %   PP   5   1,25 mm

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Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
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	DIN EN 60811-404   Good, application-related testing
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

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