

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

PUR 5x0.34 ye UL/CSA+drag ch. 2m

AIDA conform

Male straight - female straight

M12 - M12, 5-pole

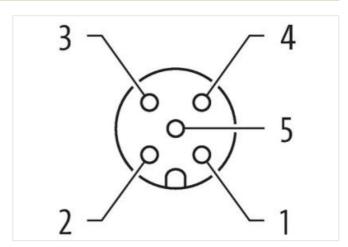
Plastic housings with good resistance against chemicals and oils.

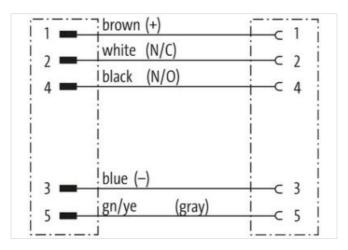
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

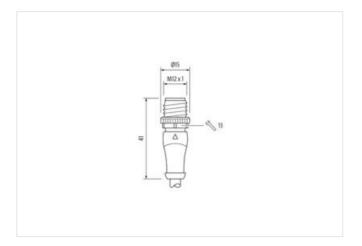
Link to Product

Illustration



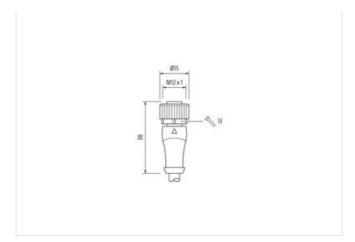


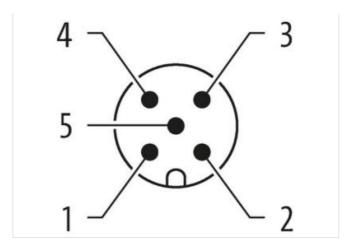






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Product may differ from Image





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) P65, IP66K, IP67 Side 2 Tightening forque 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 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 <th>Cable length</th> <th>2 m</th>	Cable length	2 m
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 Commercial date ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27660311 ECLASS-10.1 27060311 ECLASS-11.1 27060311	Side 1	
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) IP66, 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 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Tightening torque	0,6 Nm
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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 Coding A No. of poles 5 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311	Thread	M12 x 1
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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	Thread	M12 x 1
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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	Cable outlet	straight
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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		SW13
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	ECLASS-10.1	27060311
ECLASS-12.0 27060311	ECLASS-11.1	27060311
	ECLASS-12.0	27060311



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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879483308
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	
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	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	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



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Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
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