

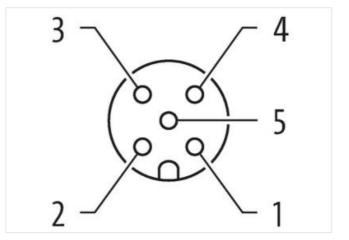
M12 male 0° / M12 female 0° A-cod. AIDA

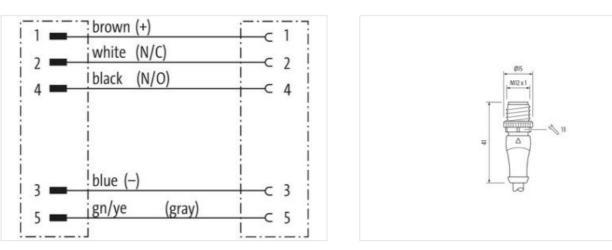
PUR 5x0.34 ye UL/CSA+drag ch. 1m

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

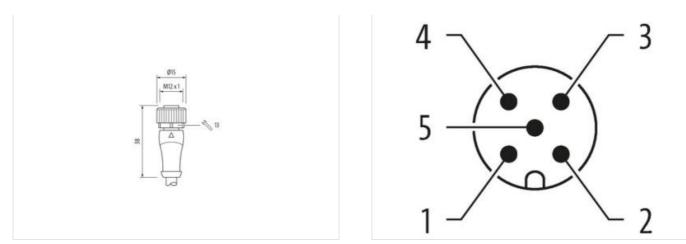






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Product may differ from Image



- · · · ·		
Cable length	1 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	А	
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	Α	
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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autome tarif under 8544290 GTIN 404879517897 Packajng unit 1 Electrical data [Supply	ETIM-5.0	EC001855
Packaging unit 1 Etectrical data Supply ISS V Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC (IL-Isted) 30 V Current operating Der contect max. 4 A Device protection Electrical Inserted, sorewed Additional condition protection robustom of the sorewed Pollation Condition Protection Electrical Additional condition protection robustom of the sorewed Pollation Protection Electrical Marcial group (EleC 6064-1) I Machanal group (EleC 6064-1) I Machanal group (EleC 6064-1) I Machanal Sorewed, Shaking protection Electrical Machanal group (EleC 6064-1) I Machanal Characteristics Climatical data Machanal Coding material Zor Cachange Code4-1 Coding material Zor Cachange Code Contectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on stain rollod Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on stain rollod DIN EN 61076-2-1	customs tariff number	85444290
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Outer-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	Outer-diameter (jacket)	4,8 mm
Material wire insulation PP	Tolerance outer diameter (sheath)	± 5 %
	Material wire insulation	PP
Amount wires 5	Amount wires	5
Outer diameter insulation 1,25 mm		
Outer diameter tolerance core insulation ± 5 %		
Shore hardness wire insulation 70 ± 5 Shore D	Shore hardness wire insulation	/0 ± 5 Shore D

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-08



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 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-08