

M12 male 0° / M12 female 0° A-cod. V4A

PUR AWG24+22 shielded vt UL/CSA+drag ch. 5m

M12 - M12, 5-pole

Male straight - female straight

A-coded

Stainless steel 1.4404 (V4A)

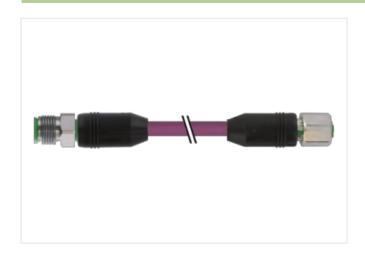
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

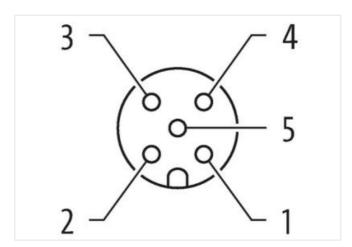
Plastic housings with good resistance against chemicals and oils.

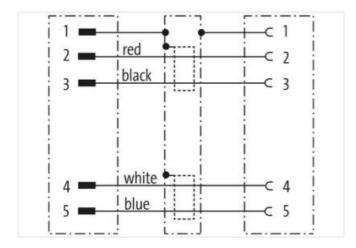
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

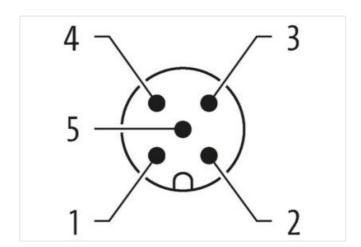
Link to Product

Illustration



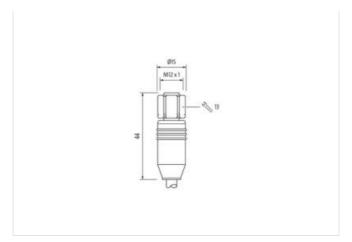


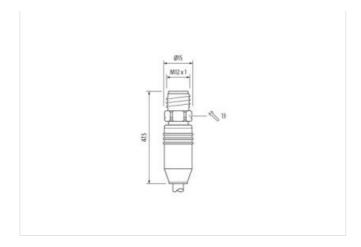






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Product may differ from Image





Cable length	5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	5
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879413985
Packaging unit	1

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: 2024-05-13



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Operating voltage AC max.	60 V
Operating voltage AC max. Operating voltage DC max.	60 V
Operating voltage DC max. Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	T
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Material gasket	FKM
Material housing	PUR
Locking material	Stainless steel 1.4404 (V4A)
	Citating Stock 1. That (This)
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	000
Cable identification	803
Jacket Color	violet
Type of Certificate Amount stranding	cURus 1
Amount stranding Stranding	2 wires twisted
Amount stranding (type 2)	2 wires twisted
Stranding (type 2)	2 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	65 %
Banding	Foil
Drain wire (cross-section)	22 AWG
wire arrangement	(white, blue), (black, red)
	5 m
Traversing distance (C-track)	
	63.12 g/m
Traversing distance (C-track) Cable weigth Material jacket	63,12 g/m PUR
Cable weigth Material jacket	
Cable weigth	PUR



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Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires 24 AW Conductor crosssection (wire) Drain wire (cross-section) Material conductor wire Electrical function wire Material wire insulation (Data) PE Outer diameter wire insulation (Data) Tolerance outer diameter wire insulation (data) Ingredient freeness wire insulation (Data) Amount wires (Data) Amount strands wire (Data) Diameter of single wires (Data) Conductor crosssection wire (Data) Diameter of single wires (Data) Conductor crosssection wire (Data) Conductor crosssection wire (Data) Copper Electrical function wire (data) Power Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire 4,5 A Electrical function wire (data) Power Electrical function wire (Data) Current load capacity min. Wire (Data) Electrical function wire (Data) Power	Shore D ee, CFC-free, halogen-free G
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Electrical function wire Data Electrical function wire (data) Power	
Electrical function wire (data) Power	
Characteristic impedance 120 \O	. 100/ ⊜ 1 MH-
Florida I and the second section 70.0%	± 10 % @ 1 MHz
Electrical resistance line constant wire $78 \Omega/k$	
Electrical resistance coating wire (Data) 54 Ω /ki	
AC withstand voltage (wire - wire) 2 kV @	
Electric capacitance 40000	
AC withstand voltage (wire - shield) 2 kV @	9 60 s
Min. operating temperature (static) -40 °C	
Max. operating temperature (fixed) 80 °C	
Operating temperature min. (dynamic) -30 °C	
Operating temperature max. (dynamic) 70 °C	
Flame resistance UL 158	81 § 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	N 60811-404 Good, application-related testing
Bending radius (installation) x Outer	r diameter
Bending radius (fixed) 6 x Out	ter diameter
Bending radius (dynamic) 10 x Ou	uter diameter
Travel speed (C-track) 1 Mio.	
No. of torsion cycles 2 Mio.	
Torsion stress ± 30 °/ı	'm
Torsion speed 35 cycl	III