

M12 female recept. A-cod. front V2A

PP-wires 4x0.34 0.5m

Flange female  
M12, 4-pole  
Front mounting  
with multi-strand wire  
Stainless steel 1.4305 (V2A)

Link to Product

Illustration



Product may differ from Image



Cable length 0,5 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	4
Degree of protection (EN IEC 60529)	IP67

**Side 2**

Coating contact	gold plated
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**Commercial data**

ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879332668
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A

**Diagnostics**

Status indication LED	no
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**Installation | Connection**

Mounting set	M16 x 1.5
Width across flats	SW17

**Device protection | Electrical**

Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I

**Mechanical data**

Contour for corrugated hose	without
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**Mechanical data | Material data**

Material gasket	FKM
Material housing	Stainless steel 1.4305 (V2A)
Locking material	Stainless steel 1.4305 (V2A)

**Mechanical data | Mounting data**

Mounting method	inserted, screwed, Shaking protection
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**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.
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Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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#### Conformity

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

UL 50E	yes
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#### Installation | Cable

Cable identification	971
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Material wire insulation	PUR
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Amount wires	4
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Outer diameter insulation	1,3 mm
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Outer diameter tolerance core insulation	± 5 %
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Conductor crosssection (wire)	0,34 mm <sup>2</sup>
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Min. operating temperature (static)	-40 °C
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Max. operating temperature (fixed)	90 °C
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Operating temperature min. (dynamic)	-25 °C
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Operating temperature max. (dynamic)	90 °C
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Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
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chemical resistance	Good, application-related testing
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Gasoline resistance	Good, application-related testing
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Oil resistance	DIN EN 60811-404   Good, application-related testing
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Bending radius (fixed)	5 x Outer diameter
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