

M12 female recept. A-cod. front

PVC-wires 12x0.14 1m

Flange female  
M12, 12-pole  
Front mounting  
with multi-strand wire

Link to Product

Illustration



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
Coding	A
Material	Zinc die-casting
No. of poles	12
Degree of protection (EN IEC 60529)	IP67

**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	4048879294980
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	1,5 A

**Diagnostics**

Status indication LED	no
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**Installation | Connection**

Mounting set	M16 x 1.5
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**Device protection | Electrical**

Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

**Mechanical data | Material data**

Coating locking	Nickel
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting

**Mechanical data | Mounting data**

Mounting method	inserted, screwed
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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.
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.

**Approvals**

UL 50E	yes
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**Installation | Cable**

Cable identification	909
wire arrangement	brown, blue, white, green, pink, yellow, black, gray, red, violet, gray-pink, red-blue
Material wire insulation	PVC
Amount wires	12
Outer diameter insulation	1 mm
Outer diameter tolerance core insulation	± 5 %
Conductor crossection (wire)	0,14 mm <sup>2</sup>
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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