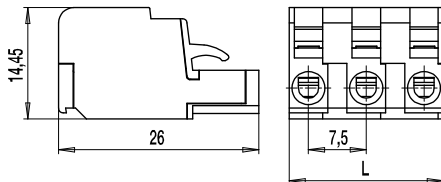


## Plug connector

### 122-F-111

Spring clamp connection



The plug connector 122-F-111 series with screwless terminals and a pitch of 7,5 mm complements our "CONNECTA"-Series. The large pitch allows connecting higher rated voltages under tough industrial conditions.

The rated cross-section of 2,5 mm<sup>2</sup> is geared towards screw-connector variants. This plug connector can be used with single-core copper conductors and fine-stranded wires (2,5 mm<sup>2</sup>), but also with pin cable sockets or crimped ferrules. For crimped ferrules, the cross-section must be reduced accordingly. All other rated data is identical with the screw-connector variants.

Test ports for  $\varnothing$  2 mm or  $\varnothing$  2,3 mm test plugs or for spring test pins are accessible from the top of the clamp. The plug connector consists of individual poles and can be manufactured to any required pole configuration at our factory.

For each pole the plug connector has one trapezoidal coding groove in which the coding elements 120-K can be inserted.

Interlocking plug connector with the pin strip results in optimum vibration resistance.

The plug connector can be operated by either a standard 3 mm blade screwdriver, terminal pliers or the built-in pusher, see 122-F-211.

### Part Numbers

No. of poles	122-F-111	Length	Pcs
2	12.808.922	13,50	200
3	13.808.922	21,00	100
4	14.808.922	28,50	100
5	15.808.922	36,00	100
6	16.808.922	43,50	50
7	17.808.922	51,00	50
8	18.808.922	58,50	50
9	19.808.922	66,00	50
10	20.808.922	73,50	50
11	21.808.922	81,00	50
12	22.808.922	88,50	50

### General Information

Pitch	7,5 mm
No. of poles	2 - 12
Usable with	all pin strips of series 122

### Technical Data

Clamping Range	<i>solid / flexible / AWG</i> 0,2 - 4 mm <sup>2</sup> / 0,2 - 2,5 mm <sup>2</sup> / 24 - 12 AWG
Rated Cross Section	2,5 mm <sup>2</sup>
Wire Stripping Length	8,5 mm $\pm$ 0,5 mm
Overvoltage Category	II
Pollution Severity Level	2
Rated Voltage	320 V
Rated Impulse Voltage	2,5 kV
Rated Insulation Voltage	250 V acc. to EN 60998-1
Rated Current	12 A

### Material

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI $\geq$ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Pressure clamp	Copper alloy, tin plated
Tension spring	Stainless steel
Spring	Copper alloy, tin plated

### Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-7,50
- Coding elements 120-K
- Terminal pliers 120-F
- Connectors equipped with coding elements on request
- Higher number of poles