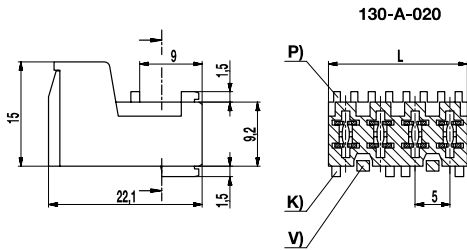


# Plug connector 130-A

Screw connection



P) Positioning  
K) Coding  
V) Interlocking

The plug connector 130-A series was developed according to "White Goods Standard RAST 5 (Plug-Connection-Technology with a pitch of 5 mm). Due to its diverse coding possibilities, it offers maximum safety against incorrect plugging.

For the coded version, a corresponding drawing or description of the desired positioning (P), coding (K) and interlocking (V) is to be provided by the customer.

The technical drawing shows an example of a 4-pole plug connector with all data on positioning, coding and interlocking location 1/2 and 3/4 .

The article numbers stated below refer to 2- to 12-pole plug connectors with exemplary coding design, which are further described on a supplementary data sheet.

Other coded versions (P,K,V) are available upon request.

## Part Numbers

No. of poles	130-A	Length	PU
2	21.802.120	10,00	100
3	21.802.130	15,00	100
4	21.802.140	20,00	100
5	21.802.151	25,00	50
6	21.802.161	30,00	50
7	21.802.171	35,00	50
8	23.802.181	40,00	50
9	21.802.191	45,00	50
10	21.802.100	50,00	50
11	21.802.111	55,00	50
12	21.802.122	60,00	50

## General Information

Pitch	5 mm
No. of poles	2 - 12
Usable with	Tab connectors 130-K, 900-SUN-5

## Technical Data

Clamping Range	<i>solid / flexible / AWG</i>		
	0,2 - 4 mm <sup>2</sup> / 0,2 - 2,5 mm <sup>2</sup> / 26 - 14 AWG		
Rated Cross Section	2,5 mm <sup>2</sup>		
Wire Stripping Length	7 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	250 V	320 V	630 V
Rated Impulse Voltage	4 kV	4 kV	4 kV
Rated Insulation Voltage	12 A		
Torque	0,5 Nm		

## Material

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal body	Nickel plated brass
Pressure clamp	Tin plated tin bronze
Screw	M3, zinc plated steel, blue passivated
Spring	Tin plated tin bronze

## Approvals

	Current	Voltage	Group	AWG	Nm
	22	300	B	26 - 10	0,51
	10	300	D	26 - 10	0,51
	22	300	B	26 - 10	0,51
	10	300	D, E	26 - 10	0,51

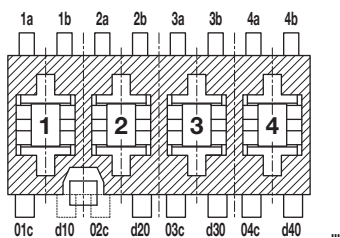
## Options / Accessories


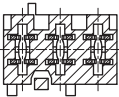
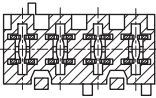
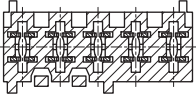
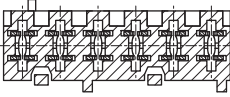
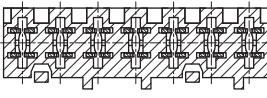
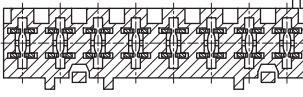
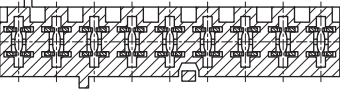
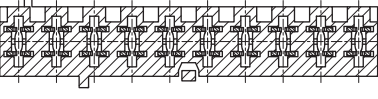
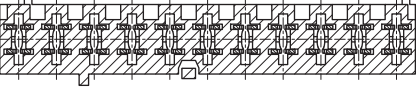
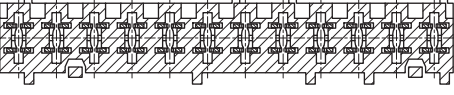
- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00
- Pitch of 10 mm for larger clearance and creepage distances
- Version with extended wire entrance

# Plug connector

## 130-A

ADDITION: Overview coding versions



	Type / Part number	Positioning (P)	Coding (K)	Interlocking (V)
	130-A-021/02 21.802.120	1b, 2a	01c, d20	1/2
	130-A-021/03 21.802.130	1b	01c, d20	1/2
	130-A-021/04 21.802.140	1b	03c, d40	1/2, 3/4
	130-A-121/05 21.802.151	1a, 5b	01c, d30	1/2, 2/3
	130-A-121/06 21.802.161	1b	03c, d60	1/2, 4/5
	130-A-121/07 21.802.171	none	03c, d40, 07c	1/2, 5/6
	130-A-123/08 23.802.181	8b	02c, d30, 07c	2/3, 7/8
	130-A-121/09 21.802.191	1b	03c	5/6
	130-A-021/10 21.802.100	1b	03c	5/6
	130-A-121/11 21.802.111	1b, 11b	03c	5/6
	130-A-121/12 21.802.122	1b, 7a, 8b, 12b	d10, 06c, 09c, d100, d120	2/3, 11/12