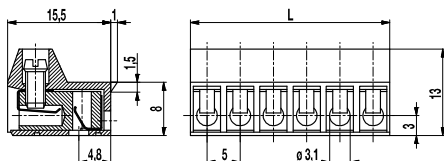
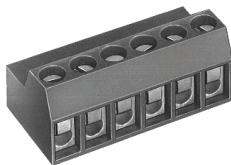


## Plug connector 970-NFBW(-DS)

Screw connection, with latch nose



The PCB plug connector 970-NFBW with a pitch of 5 mm is available in 2- to 12-pole design and can be mounted side-by-side without pole loss.

The connector can be plugged on pin strips, such as the 971-SLW series. The long ribs of the pin strip offer optimum supporting surface for the socket terminal strip. The 970-NFBW series has an additional rear latch nose. Plugging the 970-NFBW series on the mating pin strip 971-FBWP provides a vibration-proof connection.

The screws are secured against self-loosening.

### Part Numbers

No. of poles	970-NFBW	970-NFBW-DS	Length	Pcs
2	30.873.142	40.873.142	10,00	200
3	30.873.143	40.873.143	15,00	200
4	30.873.144	40.873.144	20,00	100
5	30.873.145	40.873.145	25,00	100
6	30.873.146	40.873.146	30,00	50
7	30.873.147	40.873.147	35,00	50
8	30.873.148	40.873.148	40,00	50
9	30.873.149	40.873.149	45,00	50
10	30.873.150	40.873.150	50,00	50
11	30.873.151	40.873.151	55,00	50
12	30.873.152	40.873.152	60,00	50

### General Information

Pitch	5 mm
No. of poles	2 - 12
Usable with	pin strip 971-FBWP, 971-SLW, single pins LST-1,3x6,5

### Technical Data

Clamping Range	<i>solid / flexible / AWG</i>
<i>without wire protector</i>	1 - 6 mm <sup>2</sup> / 1 - 4 mm <sup>2</sup> / 16 - 10 AWG
<i>with wire protector</i>	0,75 - 4 mm <sup>2</sup> / 0,75 - 2,5 mm <sup>2</sup> / 18 - 12 AWG
Rated Cross Section	2,5 mm <sup>2</sup>
Wire Stripping Length	5,5 mm
Overtoltage Category	III
Pollution Severity Level	3
Rated Voltage	250 V
Rated Impulse Voltage	4 kV
Rated Insulation Voltage	250 V acc. to EN 60998-1
Rated Current	6 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	Tin plated brass
Screw	M3; zinc plated steel, blue passivated
Wire protector	Tin plated tin bronze
Spring	Stainless strip steel

### Approvals

	Current	Voltage	Group	AWG	Nm
UL®	20	300	B	22-12 [1]	0,51
	10	300	D	22-12 [1]	0,51
SP®	20	300	B	26 - 12	0,4
	10	300	D, E	26 - 12	0,4
	Current	Voltage	mm <sup>2</sup>		
CS	13,5	250	2,5		

[1] Min No. 26 AWG for factory-wiring only

### 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
- Double wire protector as bridge