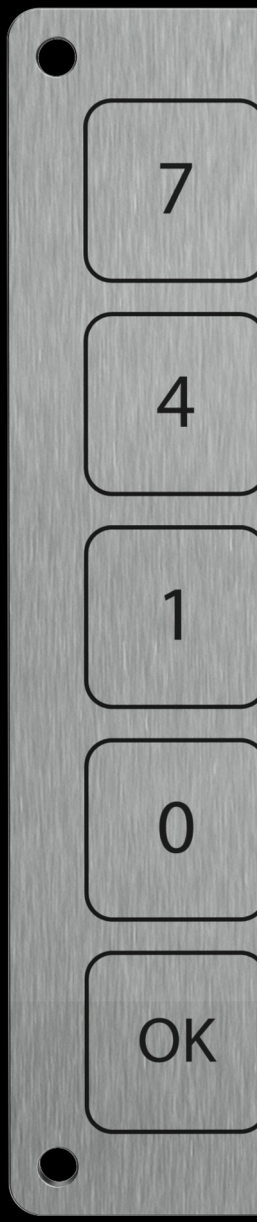
PK-20

Piezo keypad, 5 x 4, 20 keys







The PK-20 is a 20-key piezo keypad with numeric keys plus function and navigation keys. It has no moving parts and is fully sealed front and rear.

Brushed aluminium 6061 T651, natural anodised. It is a direct replacement for mechanical or membrane keypads.

Ideal for parking pay stations, industrial terminals and self-service equipment.

Key Characteristics

- No moving parts
- 50 million activations per key
- Shock proof (IK10)
- Sealed front and rear (IP68)
- Matrix output, 9 lines
- Operates from -40 °C to +85 °C
- Brushed aluminium, natural anodised
- Replaces mechanical or membrane keypads

Product Options

- Key marking: anodised printing or laser engraving
- Custom layouts and key counts
- Wiegand or RS-485 interface on request

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PK-20

Piezo keypad, 5 x 4, 20 keys

Electrical Data

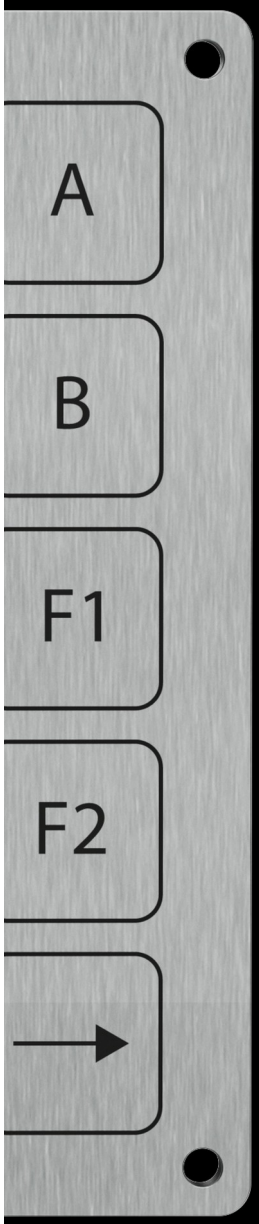
Switch Function	SPST N.O.
Output	Matrix (9 lines) or common bus
Switch Voltage	1-24 V
Switch Current	200 mA max
Switch Resistance ON	< 20 Ohm
Switch Resistance OFF	> 5 M Ohm
Make Impulse Duration	125-300 ms
Contact Bounce	1 ms max
Operating Cycles	> 50,000,000 per key

Mechanical Data

Housing	Aluminium 6061 T651
Finish	Brushed, natural anodised
Dimensions	92 x 111 mm
Thickness	4.5 mm front plate, 11 mm overall
Keys	20 keys
Key Marking	Anodised printing or laser engraving
Mounting	4 holes, 83 x 102 mm pitch
Actuating Force	3-5 N
Connection	Flat cable or pins
Shock Protection	IK10

Environmental Data

Operating Temperature	-40 °C to +85 °C
Storage Temperature	-40 °C to +85 °C
IP Protection	IP68, front and rear

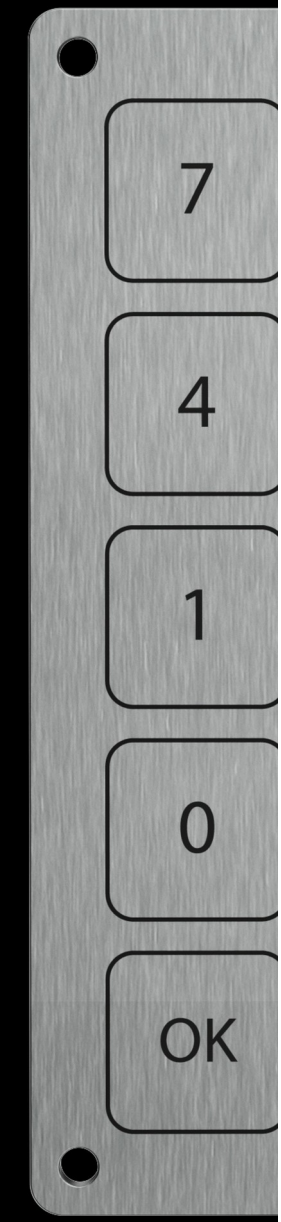


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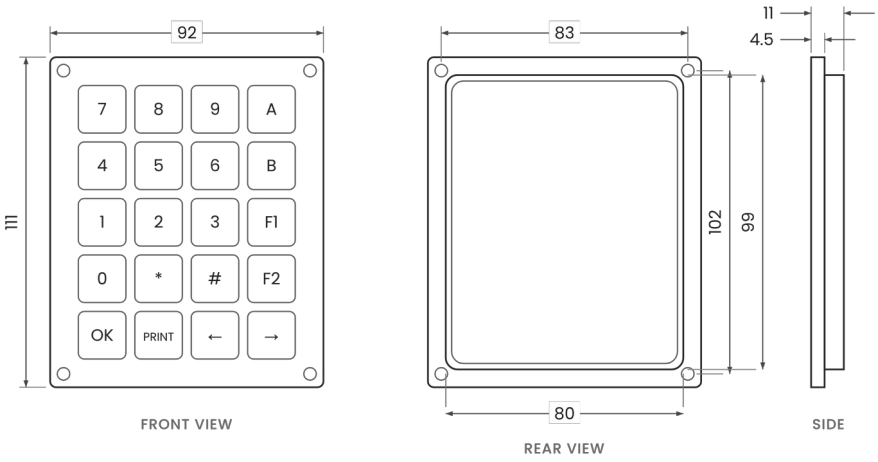
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Piezo keypad, 5 x 4, 20 keys



Dimensional Drawing



Electrical Diagram

TERMINAL LOCATION

BUTTON

CABLE CONNECTOR

	A	B	F1	F2	→	9	6	3	#	←	8	5	2	*	PRINT	7	4	1	0	OK
1	□	□	□	□	□															
2						□	□	□	□	□										
3											□	□	□	□	□					
4																□	□	□	□	□
5	□					□					□					□				
6		□					□					□					□			
7			□					□					□					□		
8				□					□					□					□	
9					□					□					□					□

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