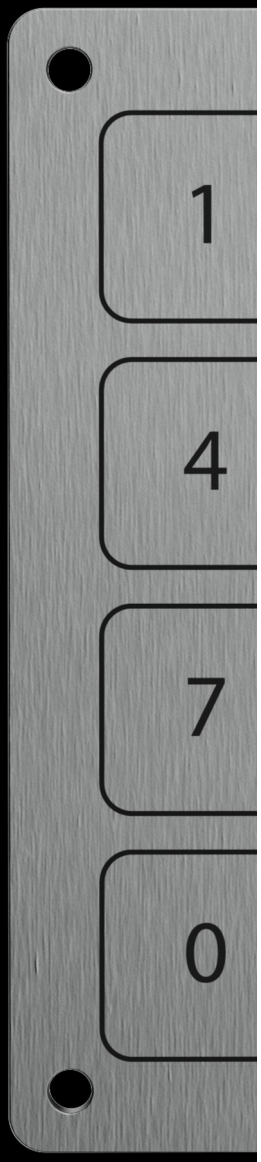
PK-12

Piezo keypad, 3 x 4, 12 keys







The PK-12 is a 12-key piezo keypad for PIN entry and access control. It has no moving parts and is fully sealed front and rear.

Brushed aluminium 6061 T651, natural anodised, with UV-printed key markings. It is a direct replacement for mechanical or membrane keypads.

Ideal for access control, intercom and door entry, parking and ticketing, and self-service terminals.

Key Characteristics

- No moving parts
- 50 million activations per key
- Shock proof (IK10)
- Sealed front and rear (IP68)
- Matrix output, 7 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-12

Piezo keypad, 3 x 4, 12 keys

Electrical Data

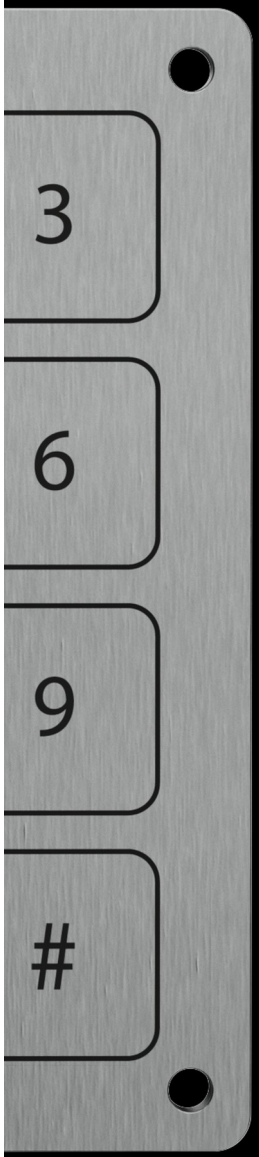
Switch Function	SPST N.O.
Output	Matrix, 7 lines
Switch Voltage	1-24 V
Switch Current	200 mA max
Switch Resistance ON	< 20 Ohm
Switch Resistance OFF	> 5 M Ohm
Make Impulse Duration	125-300 ms
Contact Bounce	1 ms max
Operating Cycles	> 50,000,000 per key

Mechanical Data

Housing	Aluminium 6061 T651
Finish	Vertical brush, natural anodised (17-19 µm)
Dimensions	73 x 93 mm
Thickness	4.5 mm front plate, 9 mm overall
Keys	12 keys, 16 x 16 mm
Key Marking	UV printing, black, 6.5 mm characters
Mounting	4 holes Ø 4.2 mm, 63 x 83 mm pitch
Actuating Force	3-5 N
Connection	10-wire flat cable, 300 mm, 1 mm pitch
Connector	IDC, 10 pins (2 x 5), 2.54 mm pitch
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

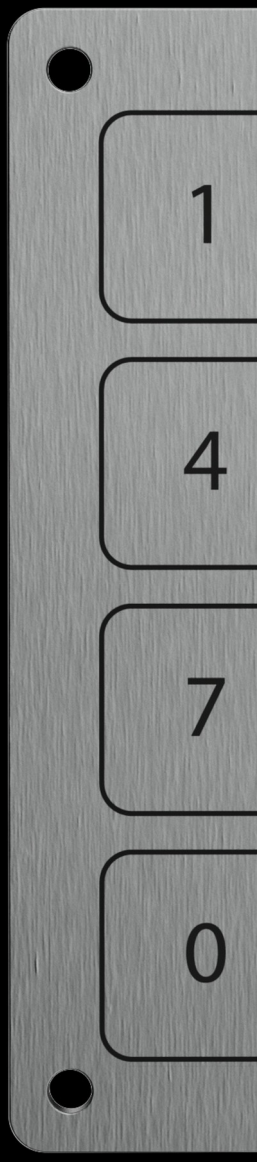


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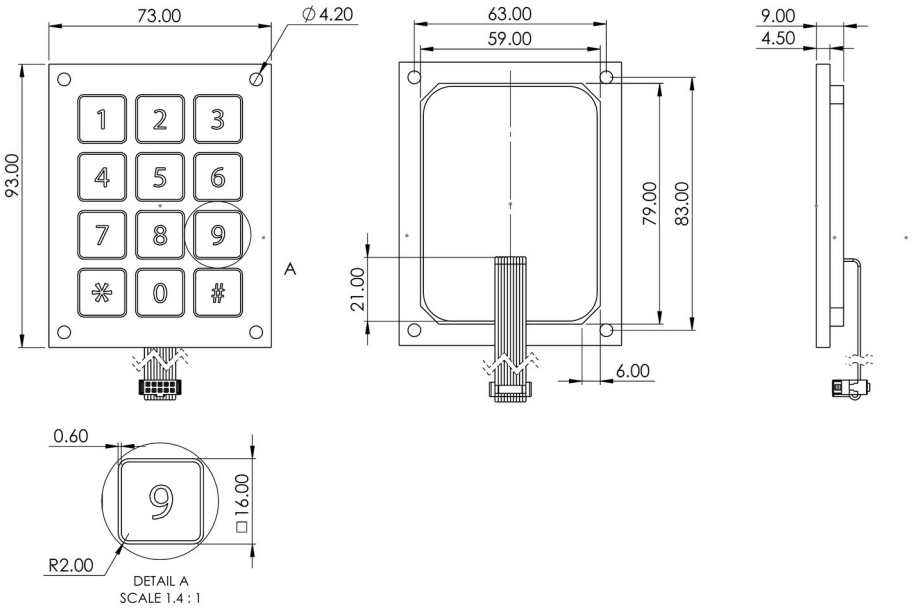
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PK-12

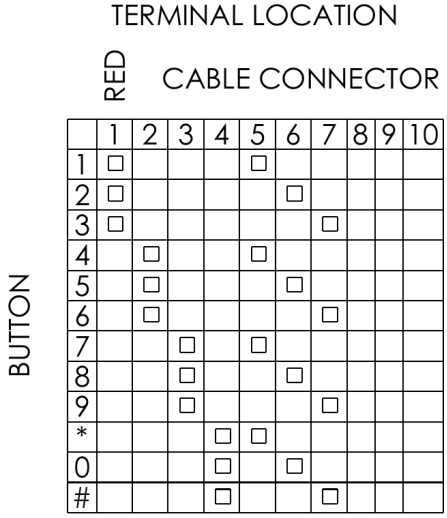
Piezo keypad, 3 x 4, 12 keys



Dimensional Drawing



Electrical Diagram



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