

Piezo Keypad



12 key piezo keypad



16 key piezo keypad



**Description**

- Piezo keyboard available in version Standard, with Point Illumination, Lettering, varnished in different colours
- Mounting into the housing from the front or the rear
- Pins

**Characteristics**

- Housing material type: aluminum, version with stainless steel front on request
- With sealing kit as accessory for protection class IP68
- High reliability, long lifetime with more than 20 mill. actuations
- Easy to clean due to a tightly closed surface (IP 69K)
- Optional point illumination
- vandal proof protection (IK 05 impact resistance rating)

**Weblinks**

[html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [e-Shop](#), [CAD-Drawings](#), [Product News](#), [Detailed request for product](#)

**Technical Data**

**Electrical Data**

Switching Voltage	max. 50 VDC
Switching Current	max. 200 mA
Contact Resistance ON	< 7.5 Ω
Contact Resistance OFF	> 5 MΩ
Dielectric Strength	2500V
Duration of Bounce	< 1 ms
Rated Breaking Capacity	600 mW

**Mechanical Data**

Actuating Force	1 - 3 N
Lifetime	> 20 million actuations
Shock Protection	IK 05 Aluminum, IK 04 Stainless Steel

**Climatical Data**

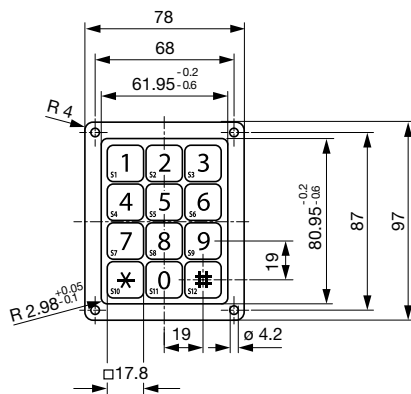
Operating Temperature	-25 to +85 °C
Storage Temperature	-40 to +85 °C
IP-Protection	IP 69K

**Material**

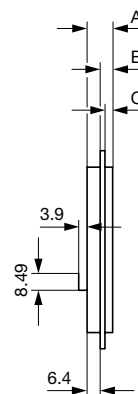
Front Panel	Alu. anodised / Stainless Steel
Assembling Plate	Ultradur
Insulating Disc	FR4
PCB	FR4
Piezo Disc	PZT

**Dimensions**

12 key piezo keypad



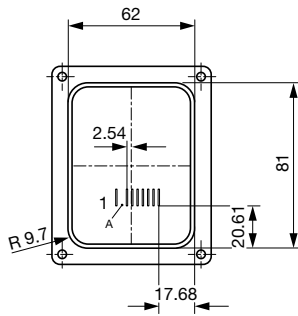
12 key piezo keypad



Partnumber	Material	Measures [mm]		
		A	B	C
1068.1012.1110001	Alu	11,33	4,93	3,13
1068.1012.2110001*	Stainless steel	11,23	4,83	3,03

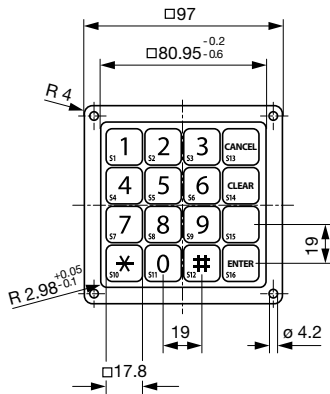
\*) The version with stainless steel frontplate is available on request.

12 key piezo keypad

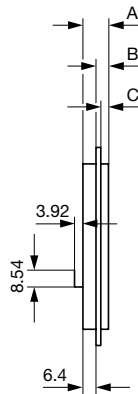


A = Pin 2 is removed and not contacted

16 key piezo keypad



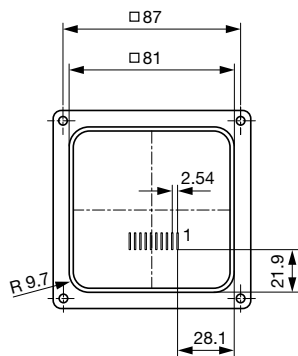
16 key piezo keypad



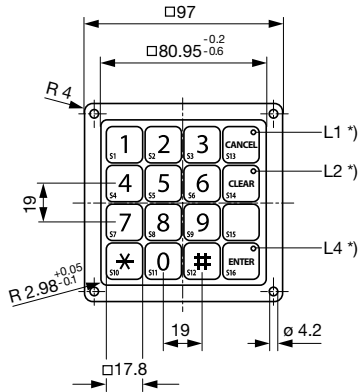
Partnumber	Material	Measures [mm]		
		A	B	C
1068.1016.1110001	Alu	11,33	4,93	3,13
1068.1016.2110001*	Stainless steel	11,23	4,83	3,03

\*) The version with stainless steel frontplate is available on request.

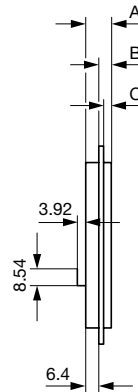
16 key piezo keypad



16 key piezo keypad with LED



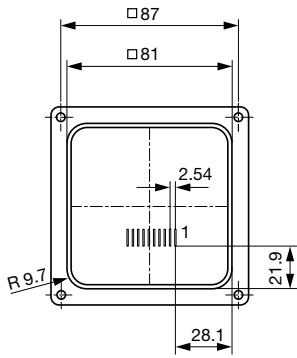
16 key piezo keypad with LED



Partnumber	Material	Measures [mm]		
		A	B	C
1068.1013	Alu	11,33	4,93	3,13

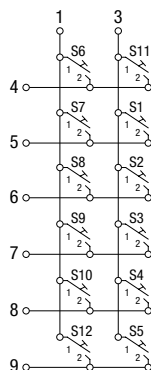
\*) The point illumination is customized available on request.

16 key piezo keypad with LED



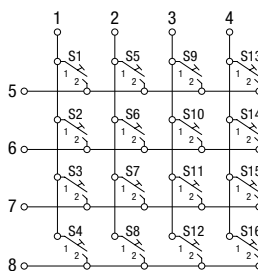
## Diagrams

### 12 key piezo keypad



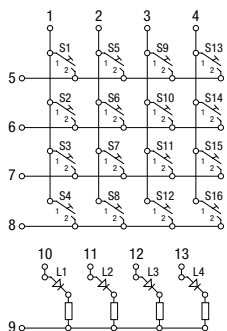
		PIN								
		1	2	3	4	5	6	7	8	9
Graphic	S1	1								
	S2	2								
	S3	3								
	S4	4								
	S5	5								
	S6	6								
	S7	7								
	S8	8								
	S9	9								
	S10	0								
	S11	*								
	S12	#								

### 16 key piezo keypad



		PIN									
		1	2	3	4	5	6	7	8	9	10
Graphic	S1	1									
	S2	2									
	S3	3									
	S4	4									
	S5	5									
	S6	6									
	S7	7									
	S8	8									
	S9	9									
	S10	0									
	S11	*									
	S12	#									
	S13	Cancel									
	S14	Clear									
	S15										
	S16	Enter									

### 16 key piezo keypad with LED



		PIN												
		1	2	3	4	5	6	7	8	9	10	11	12	13
Graphic	S1	1												
	S2	2												
	S3	3												
	S4	4												
	S5	5												
	S6	6												
	S7	7												
	S8	8												
	S9	9												
	S10	0												
	S11	*												
	S12	#												
	S13	Cancel												
	S14	Clear												
	S15	Enter												
	S16	Enter												
LEDs	L1 green													
	L2 green													
	L3 green													
	L4 green													

Pin 9 LED Supply common GND

## Variants

Version	Keypads	Order Number
12 key piezo keypad	front aluminum, multi pin connector, standard lettering	1068.1012.1110001
16 key piezo keypad	front aluminum, multi pin connector, standard lettering	1068.1016.1110001

Customer-specific versions of lettering on request.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

**Packaging unit** 6 Reusable Packaging keypad with protective foil

## Accessories

### Description



Sealing Kit for Key Pad  
Accessory Kit