

Piezo Keypad



12 key piezo keypad



16 key piezo keypad

See below:

Approvals and Compliances

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: Plastics / front aluminium, 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)

References

Last order date: 31.03.2018

Last delivery date: 30.06.2018

Weblinks

[html-datasheet](#), [General Product Information](#), [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 M Ω
Dielectric Strength	2500V
Duration of Bounce	< 1 ms
Electrical Rating	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

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

Application standards

Application standards where the product can be used

Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

Compliances

The product complies with following Guide Lines

Identification



Details

RoHS

REACH

Initiator

SCHURTER AG

SCHURTER AG

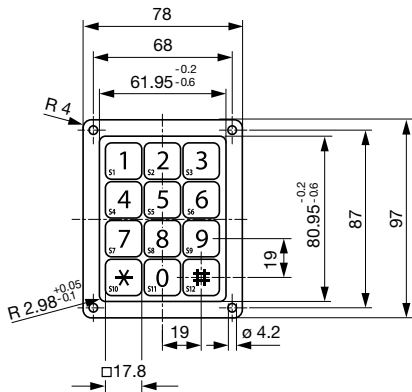
Description

EU Directive RoHS 2011/65/EU

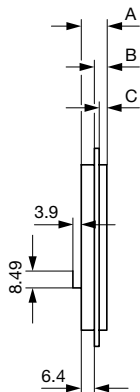
On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimension [mm]

12 key piezo keypad



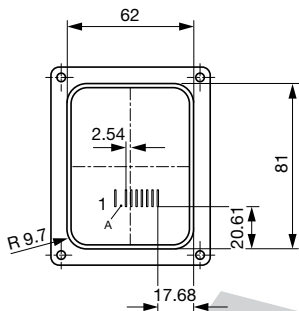
12 key piezo keypad



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

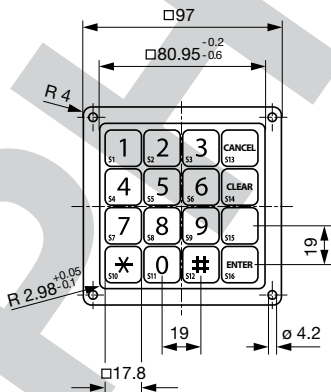
*) The version with stainless steel frontplate is available on request.

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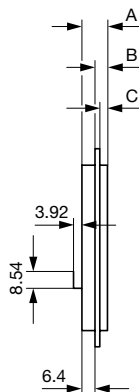


A = Pin 2 is removed and not contacted

16 key piezo keypad



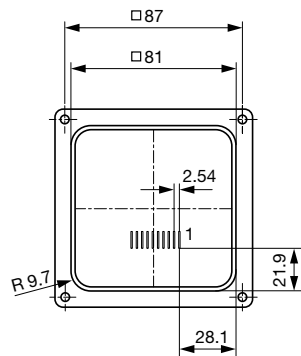
16 key piezo keypad



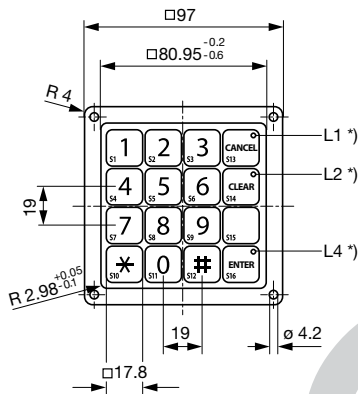
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		A	B	C
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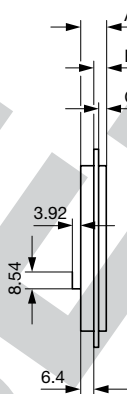
16 key piezo keypad



16 key piezo keypad with LED



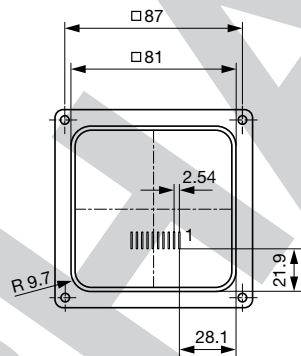
16 key piezo keypad with LED



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

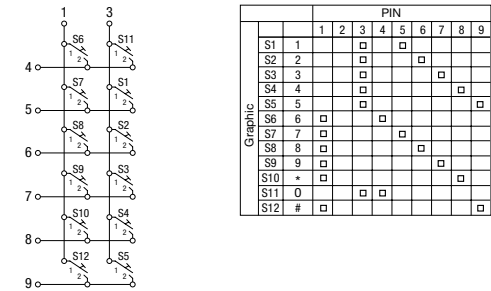
*) The point illumination is customized available on request.

16 key piezo keypad with LED

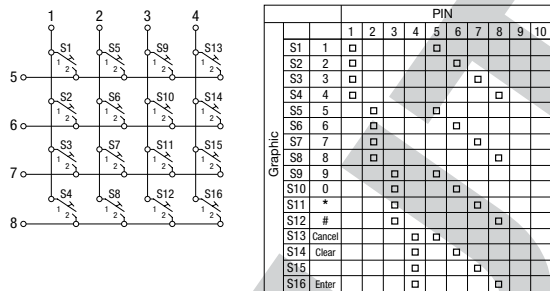


Diagrams

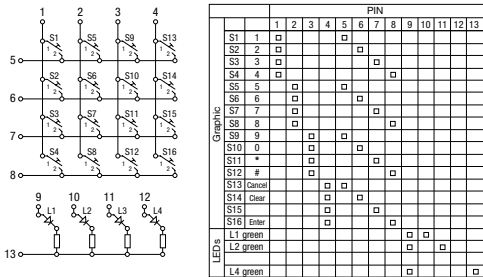
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16 key piezo keypad



16 key piezo keypad with LED



Pin 9 LED Supply common GND + 5 VDC

All Variants

Version	Keypads	Order Number
12 key piezo keypad	front aluminum, multi pin connector, standard lettering	1068.1012.1110001
12 key piezo keypad	front stainless steel, multi pin connector, standard lettering	1068.1012.2110001
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:<https://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