

# 86T-ES

## *Vandalism protected keyboard*

- *for public surroundings*
- *extrem weather conditions*
- *and many more*

86T-ES

stainless  
steel



### **Description:**

- A vandalism protected keyboard with 86 buttons in different layouts in very robust processing.
- Almost insensitive to violence.
- Mounting version for prepared mounting shafts.
- Explicitly for surroundings where there is danger by vandalism and/or much customer traffic and/or extrem weather conditions.
- Especially suitable for industrial extreme surroundings.

### **Features:**

- All electronic components and mechanical guides are protected against ingress of dust and water spray (protection IP 65).
- Convenient and positive operation due to the 3,25 mm travel keys with tactile feel.
- Completely in stainless steel construction 1.4301 (buttons, front plate with 3 mm strength).
- Key labelling in laser procedure.
- PCB with electronic components.
- Carbon contact-technology.
- Predestined for the work in public terminals, in machines and devices wich have to work in extreme damp (even splash water) or very dusty surroundings, and many more.

### **Order number for example:**

**notation:** 86T-ES E  
**article number:** 010040700700003EE00

More information to each variant and their order numbers,  
see our web-site at

[www.dskeyboard.com](http://www.dskeyboard.com)

## Mechanical Data:

- Travel 3,25 mm, tactile feel
- Operation force 0,65 N
- 86 buttons, compact layout
- Durability > 10 million ops.
- Storage temperature -40°C - +70°C
- Operation temperature 0°C - +60°C (optional -20°C - +60°C)
- Protection IP65

## Layouts:

- All variants are possible.

## Variants:

- Custom-designed variants are possible (see our web-site).

## Connecting-Variants:

- PS/2, USB
- Cable straight or spiral-shaped
- Cable length 1,5 m
- Other length are possible

## Detail views:

- Ergonomic, compact 15mm button arrangement.

## Electrical Data:

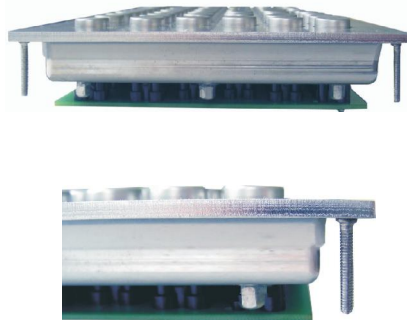
- Power supply + 5 V/DC, 50 mA
- 2-key roll over
- Autorepeat
- 16k EEPROM memory
- CE-conformable
- EMC-conformable
- RoHS-conformable

## Principle:

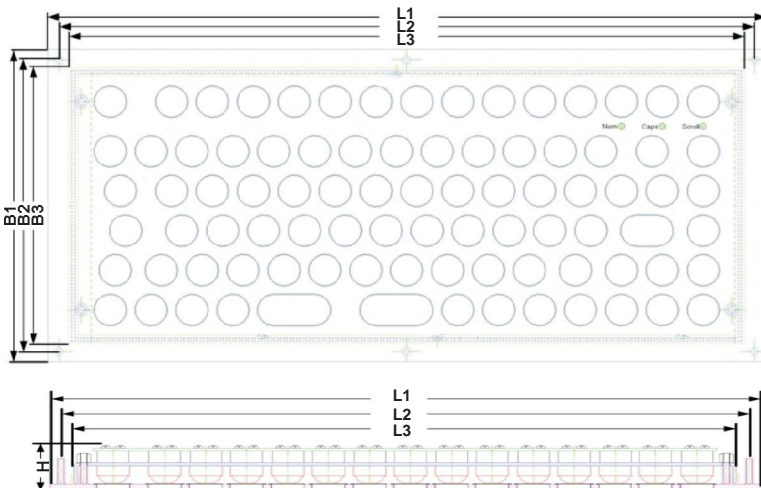
- Contact by a silicon switch pad with carbon contacts.

## Use Possibilities:

- Extreme damp (even splash water) surroundings
  - Very dusty surroundings
  - Test- and measurement systems
  - Machine- and device construction
  - Trade and craft
  - Industry
  - Many frequented areas
  - and any more
- 
- Very robust steel construction
  - Qualitatively excellent processing



## Dimensions:



L1 =	392,00mm
L2 =	382,00mm
L3 =	372,50mm
B1 =	150,00mm
B2 =	140,00mm
B3 =	132,50mm
H =	24,00mm
H1 =	21,00mm
H2 =	3,00mm
H3 =	3,00mm
H4 =	15,00mm

More information about the measurements can be downloaded from our web-site.

86T-ES

stainless  
steel

**DS Keyboard  
Technic GmbH**

Herrenlandstr. 31-35  
78315 Radolfzell

**Tel.:**  
+49 (0) 7732-82385-0

**Fax:**  
+49 (0) 7732-82385-29

**Mail:**  
info@dskeyboard.com

**Internet:**  
www.dskeyboard.com