

# 102T-ES

## *Vandalism protected keyboard*

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



102T-ES

stainless  
steel

### **Description:**

- A vandalism protected keyboard with 102 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.
- Stainless steel construction 1.4301 (buttons, front plate with 2,5 mm strength) in interaction with a plastic enclosure.
- 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:** 102T-ES F USB  
**article number:** 0100501301A1503EE00

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
- 102 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

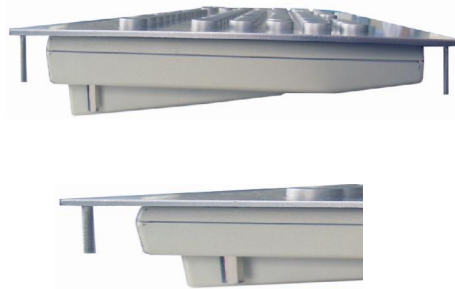
## Principle:

- Contact by a silikon switch pad with carbon contacts.

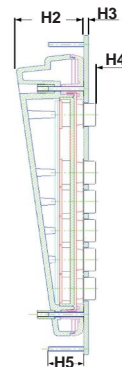
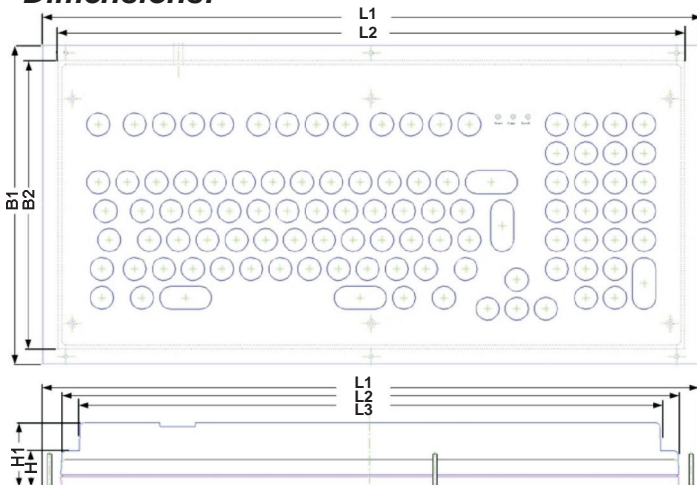
## Use Possibilities:

- Extreme damp (even splash water) surroundings
- Very dusty surroundings
- Test- and measurement systems
- Machine- and device construction
- Trade and craft
- Industry
- Many freequented areas
- and any more

- Very robust steel construction in interaction with a plastic enclosure
- Qualitatively excellent processing



## Dimensions:



L1 = 430,00mm  
L2 = 410,00mm  
L3 = 380,70mm

B1 = 210,00mm  
B2 = 200,00mm

H = 22,00mm  
H1 = 38,00mm  
H2 = 38,00mm  
H3 = 2,50mm  
H4 = 5,00mm  
H5 = 20,00mm

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

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steel

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