

# DS 86 W

## The compact keyboard

**DS 86 W**  
**black**

without  
fingermouse

- *for measurements*
- *machine constructions*
- *and many more*



### Description:

- The DS 86 W is the optimal solution for all narrow surroundings.
- To build in or for the extern work with small machines or devices in the vehicle installations the navigation systems or aeronautics.
- The compact design and the very low outside measurements predestine this keyboard for many areas.

### Features:

- All electronic components and mechanical guides are protected against ingress of dust and water spray (protection IP 65).
- The 1,5 mm key travel and tactile feel ensures positive key operation.
- Ergonomically designed compact shape.
- High quality laser marked key top legends.
- LED-indicators for display of standardize operation modes.
- Predestined for the work at machine- and device construction, vehicle installations, aeronautics and navigation systems.

### Order number for example:

**notation:** DS 86 W US BL PS2 cable straight  
**article number:** 9800108201015000000

ADPZ

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### Mechanical Data:

- Travel 1,5 mm, tactile feel
- Operation force 0,60 N
- 86 buttons, compact layout
- Durability > 1 million ops.
- Storage temperature -40C° - +80C°
- Operation temperature -10C° - +60C°
- Protection IP65

### Layouts:

- All country variants are possible.

### Variants:

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

### Connecting-Variants:

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

### Detail views:

- Ergonomic, compact button arrangement on the smallest area.



### Electrical Data:

- Power supply + 5 V, 30 mA
- 3 LED status reading
- CE-conformable
- EMC-conformable
- RoHS-conformable

### Principle:

- Bonding by a shifting gear mat on a carbon contact on the SMD-assembled PCB.

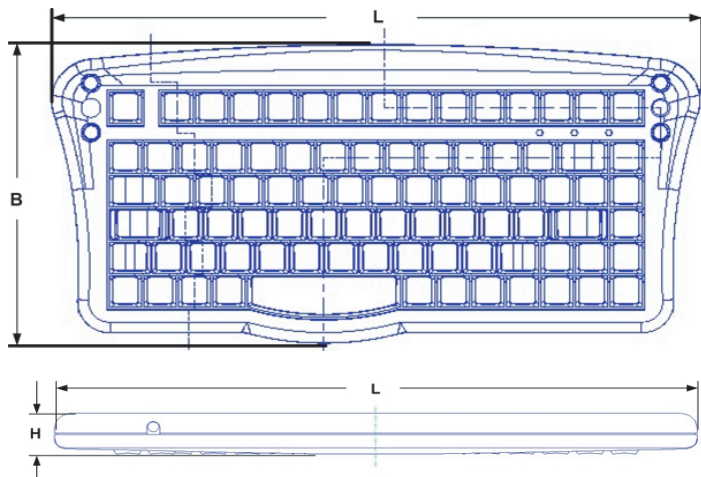
### Use Possibilities:

- Extreme damp (even splash water) surroundings
- Very dusty surroundings
- Measurement systems
- Machine- and device construction
- Vehicle installations
- Aeronautics
- Navigation Systems
- and any more

- Very compact, flat style



### Dimensions:



L = 298,00mm  
B = 141,81mm  
H = 21,90mm

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



CLAVIERS - PANELS PC - BOÎTIERS

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