

# DS 102 W

## *The dust and splashproof evolution*

- *for extreme damp surroundings*
- *very dusty surroundings*
- *very hot surroundings*

DS 102 W  
mouse  
black



### **Description:**

- Simplistic design merged with functionality makes this keyboard to a kit of the top class.
- The keyboard is well proven for use in harsh industrial environments.
- Full dust and splash proofing combined with extreme scratch resistance are the characteristics of this keyboard.
- Integrated finger mouse. External pointing devices like mouse or track ball are not necessary.
- About the small space requirement due the compact design is this keyboard also ideally suited for 19" rack mounted drawer unites.

### **Features:**

- Complete protection of the electronic components, all contacts and mechanic guide elements against dust and water splashes (protection IP65).
- Designed for industrial use even under some of the most hostile environments.
- Ergonomically designed compact shape.
- Convenient and positive operation due to the 3.25 mm travel keys with tactile feel.
- Ergonomically designed keyboard with 102 keys.
- Double-shot moulded key tops, anti-glare and wear-resistant.
- Button for the mouse pointer (finger-mouse) and 3 more mouse buttons.
- LED-indicators for display of standardize operation modes.

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

**notation:** DS 102 W G M PS2-PS2 BL  
**article number:** 10502211015000000

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

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

DS Keyboard  
Technic GmbH

Development  
Production  
Distribution

- keyboards
- input modules and switches
- control units and panels
- electronic modules



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### 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 (optinal -20°C - +60°C)
- Protection IP65

### Layouts:

- All country variants are possible.

### Variants:

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

### Connecting-Variants:

- DIN-SubD9, PS/2-PS/2, USB
- Cable straight or spiral-shaped
- Cable length 1,5 m
- Other length are possible

### Detail Views:

- Ergonomic key arrangement with integrated fingermouse.



### Electrical Data:

- Power3 supply + 5 V/DC, max.30 mA
- Bidirectional serial output in IBM format
- 2-key-roll-over
- Autorepeat
- CE-conformable
- EMC-conformable
- RoHS-conformable

### Principle:

- Contact by a silicon switch pad with carbon contacts.

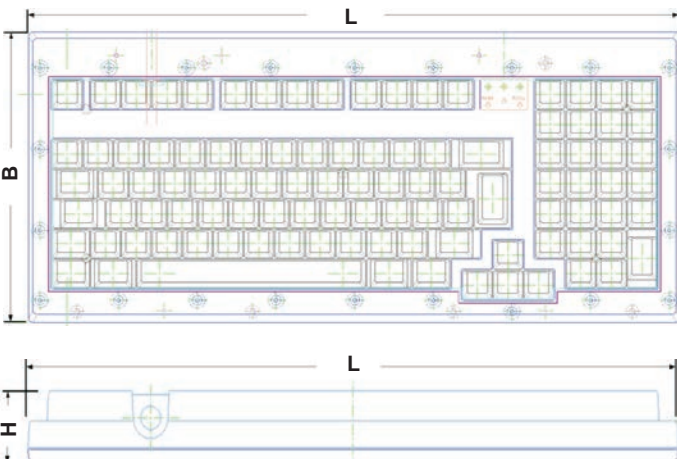
### Use Possibilities:

- Extreme damp (even splash water) surroundings
- Very dusty surroundings
- Very hot surroundings
- Extreme industrial surroundings
- Vehicle installations
- Aeronautics
- Navigation Systems
- and any more

- Very compact, flat style
- Pull up the cable is almost impossible about the PG7 cable gland.



### Dimensions:



L = 405,00mm  
B = 185,00mm  
H = 40,40mm  
H1 = 42,20mm

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



**DS 102 W**  
**mouse**  
**black**

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