



**KEYBOARDS  
& POINTING DEVICES**  
for the most demanding jobs

**KSGE92**



panel mount



desktop version

- 92 keys, short travel
- sealing up to IP67
- ergonomic 38mm trackball

## LED BACKLIT WATERPROOF KEYBOARD WITH ERGONOMIC TRACKBALL

Multi-functional keyboard with separate control keys, complemented by an integrated ergonomic 38mm optical trackball. This keyboard offers unparalleled convenience and precision for a wide range of applications. A perfect synergy of advanced technology and ergonomic design. Panel mount and desktop version available.

### MAIN FEATURES

- Sealing up to IP67
- User-friendly layout with separate control- and function keys
- Long-lasting low power LED's with high brightness
- Dimmable backlighting at 8 levels by two dedicated keys (FN key + arrow up/down)
- Intelligent luminosity setting of "numlock" and "capslock" LED's
- Trackball with left, middle and right switch functionality
- Integrated IP68 hall-effect scroll wheel
- Infra-red optical navigation technology
- Removable 38mm ball for easy cleaning
- No external power supply necessary
- No special driver required

#### PANEL MOUNT VERSION

- Aluminium carrier and silicone sponge panel sealing
- Front panel mounting by means of M3 threaded studs.
- Added silicon sponge seal for perfect sealing into the user's panel
- The rear side components are protected by a covering metal plate
- Bezel for edge protection
- Dimensions: see page 2
- Weight: 1,2 kg

#### DESKTOP VERSION

- The keyboard is mounted in a robust, all steel enclosure
- Industrial epoxy coating (mid-grey).
- Dimensions: see page 3
- Weight: 1,4kg

### GENERAL TECHNICAL SPECIFICATIONS

#### KEYBOARD

Sealing  
Keys

Output  
Power requirements  
Operating temp.  
Front layer

IP67 sealed  
92 short travel switches, tactile feel  
switches with 0,3 mm travel and 2,55 N  
operating force  
1,8m USB cable type A connector  
Directly from USB port  
-15°C to +60°C  
Black polyester front layer with embossed  
keys, scratch and chemical resistant

#### TRACKBALL

Housing material  
Housing colour/finish  
Base plate material  
Base plate finish  
Ball size/material  
Tracking force

Ball load

Resolvable ball speed  
Tracking engine  
Removable ring

#### SCROLL WHEEL

Wheel diameter  
Wheel material  
Wheel colour  
Encoding technology  
Magnet strength  
Detent-scrolling force  
Switch actuation force

PC/ABS  
Black/fine-textured finish  
Aluminium  
Bead blasted & clear anodised  
Ø38.1mm (1.5")/Epoxy resin  
20 grams nominal – damper ring seal  
30-80 grams – PTFE seal  
100N (10Kg) maximum downward  
pressure for 2 minutes @ 20°C  
30 IPS (inches per second)  
Infra-red optical navigation technology  
PC/ABS, black

Ø25mm  
PC/ABS  
Grey  
Hall effect  
N42  
30 grams nominal  
275 ± 125 grams force

#### LEFT/RIGHT SWITCH

Switch actuation force

250 ± 100 grams force

### ORDER INFO

COUNTRY LAYOUT	PANEL MOUNT WITH BEZEL	DESKTOP VERSION
US Qwerty	KSGE92F1xxx-WLED	KSGE92S1xxx-WLED
Cyrillic Qwerty	KSGE92F7xxx-WLED	KSGE92S7xxx-WLED
German Qwertz	KSGE92F49xxx-WLED	KSGE92S49xxx-WLED

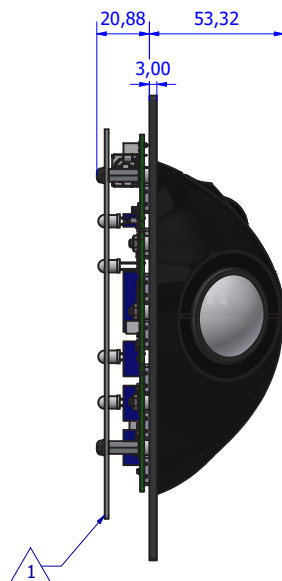
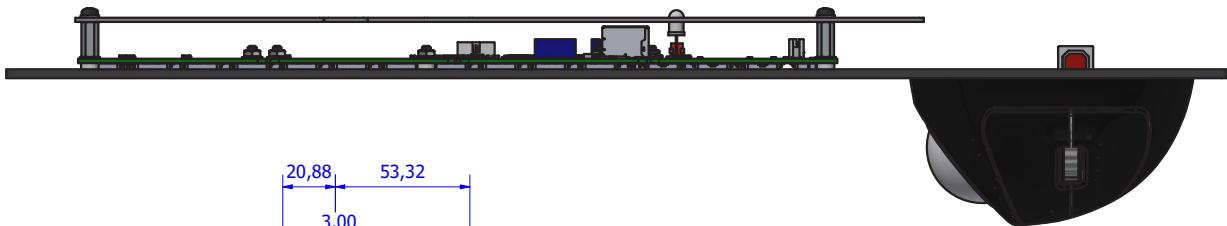


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## DIMENSIONAL DRAWING

### PANEL MOUNT





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## DIMENSIONAL DRAWING

## DESKTOP VERSION

