LED BACKLIT WATERPROOF KEYBOARD

This 106 key backlit keyboard has a multi-functional layout with separate numerical- and control keypads and integrates a large 50mm optical trackball.

MAIN FEATURES
- User-friendly layout with separate numerical-, control- and function keypads
- Removable ball for easy cleaning
- High brightness LED's with fibre optics
- Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks (optional)
- Low power LED's for a long life
- No external power supply necessary, keyboard port power sufficient
- Dimmable backlighting at 8 levels by two dedicated keys
- Intelligent luminosity setting of “numlock” and capslock” LED’s
- White backlighting as standard, other colours on request
- Customized backlight control by an external DC voltage, PWM signal or potentiometer is available on request

Panel mount version:
- Aluminium carrier
- 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
- Version with bezel: In case the keyboard can not be counter sunk mounted we recommend this version

Dimensions / weight:
- version with bezel: 447,5 x 167,5 x 50 mm / 1,3 kg
- version without bezel: 432 x 152 x 50 mm / 1,2 kg

Desktop version:
- The keyboard is mounted in a robust, steel enclosure
- Industrial epoxy coating (mid-grey)
- Dimensions / weight: 475 x 211 x 73 mm / 3,5 kg

GENERAL TECHNICAL SPECIFICATIONS
Sealing: IP67 sealed
Keys: 106 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force
Pointing Device: 50 mm optical trackball, grey ball
Output: USB or PS/2
Power requirements: Directly from USB or PS/2 port
Operating temp.: -15°C to +60°C
Front layer: Black polyester front layer with embossed keys, scratch and chemical resistant

CONNECTIVITY
The PS/2 keyboards are supplied with two 1,6 m long shielded straight cable ended with 6 pin mini DIN plugs. The USB versions are supplied with one 1,8 m long shielded straight cable ended by a USB type A connector.

* Due to the increasing differences of PS/2 mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.

CUSTOMIZATION
Possible customization includes adapted backlighting controls, addition of company logo or specific function keys, different layouts, different colour, all this without having to reapply for certification!

ORDER INFO

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<th>PANEL MOUNT</th>
<th>DESKTOP</th>
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<td>KSMX106F1xxx-WLED</td>
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xxx = protocol output: USB or PS/2

White backlighting as standard, other colours on request
COLOURS
Keyboard & Key Background : PANTONE Black 2 C 2X
Key edges & key legends : white Translucent
KEYBOARDS & POINTING DEVICES FOR THE MOST DEMANDING JOBS

DIMENSIONAL DRAWING
panel mount version without bezel

Dim in mm.

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