

Tough, water resistant, industrial grade polymer keypads

These keypads feature tactile keys with 'snap-on' key caps.

Keytop graphics can be easily customised by the location of thin plastic tiles under 'snap-on' transparent keycaps. Once snapped into place the tamper resistant keycaps encapsulate and protect the keytop graphics. The keypads are designed for use in harsh industrial environments. These keypads are also available with integral white light LED illumination for use in dark or partially lit locations. Available in standard 4, 12 and 16 key formats.



All dimensions in mm

- Keytop graphics can be easily configured / customised
- Supplied with numeric legend tiles (Set A). A selection of additional key legend tile sets are available
- IP65 – sealed for use in wet or dirty environments
- Impact, shock and vibration resistant to survive in demanding industrial applications
- Available with integral, white light LED illumination (Storm 720GFX-i version)
- Keys are arranged on an X-Y matrix circuit terminated via a 0.1" pitch, square pin, male connector with an integral locking ramp
- Directly compatible with the Storm 450 and 450i USB keypad Interface



Performance

Operational key life:

>2 million cycles per key



Environmental

Operational temperature:

-20°C to +60°C

Storage temperature:

-20°C to +70°C

Humidity:

5%RH to 95%RH

non-condensing

Vibration and shock:

ETSI 300 019 5M3

Water and dust resistance:

IP65 When fitted to a suitable surface

5J

Impact resistant:

Electrical

Insulation resistance:

50Mohms (min)

Breakdown voltage:

500V a.c. (60 secs)

Max Operating voltage:

24V

Max Operating current:

50mA (excluding keypad illumination current)

Illumination:

5V +/- 10% at 13mA per key



Compliance

This device is designed to meet:

- EU RoHS
- EU Low Voltage Directive
- ESD: Up to +/- 15kV air discharge, +/- 7.5kV contact discharge
- WEEE Directive compliant



Additional Information

(downloads available at www.storm-interface.com)

- Installation instructions including product dimensions
- CAD files (dxf, dwg)
- Test data and reports
- Selection of keytop character tile sets and coloured tiles



Accessories

- Keytop character tile sets and coloured tiles
- Storm 450 and 450i Series USB Interface
- USB Cable for use with USB Interface
- Replacement panel seals available at storm-interface.com



For more information & to order:

www.storm-interface.com



Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice.

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