

Storm SF6000 Series Keypad



Compact numeric data entry for use where panel space is limited

- *Impact resistant*
20J BS EN 60068-2-75: 1997)
- *Weather resistant (IP65)*
- *Suitable for use by those with mobility or sensory impairment*
- *Permanent, high contrast, laser engraved keytop graphics (engraved and infilled metal keys)*
- *Raised tactile symbols on coloured function keys and 'home pip' on the 5 key*
- *Rugged, reliable and responsive data entry featuring Storm's patented switch technology*
- *Available with black polymer keys, illuminated polymer keys or metal keys*
- *Small footprint – overall dimensions: 106.5 x 88.5 x 31 mm (including contact connections)*
- *Can be sanitised using most commonly used cleaning agents*



www.storm-interface.com

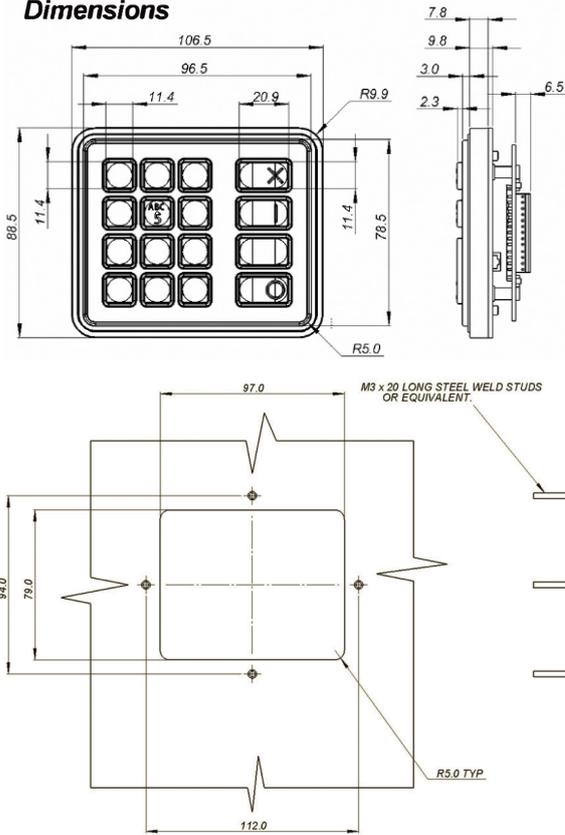
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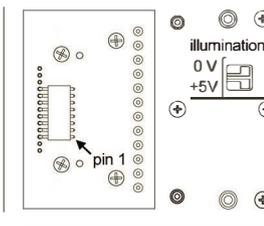
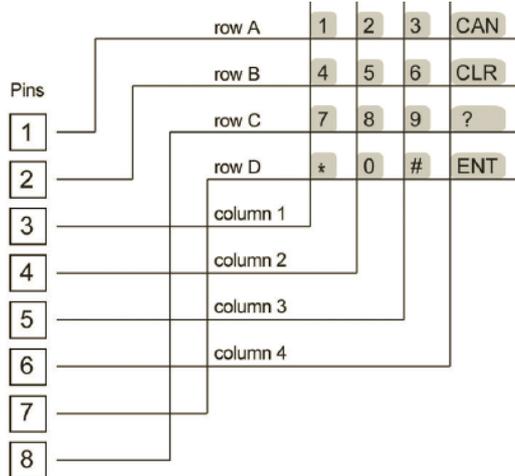
Small Footprint – SF6000 Series Keypad



Dimensions



Connection Details



Keypad connector

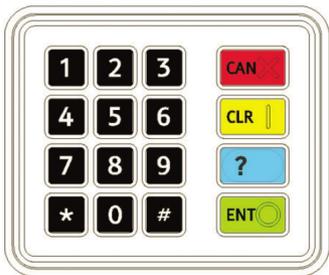
8-position, 0.1" pitch, gold plated right angle pins w/friction lock mates with: **Molex 22013087**

Illumination connector

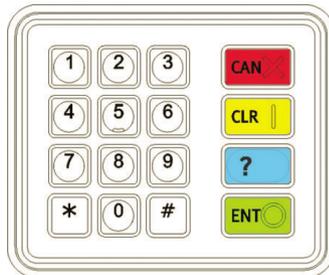
2-position, disconnectable mates with: **JST PHR-2**



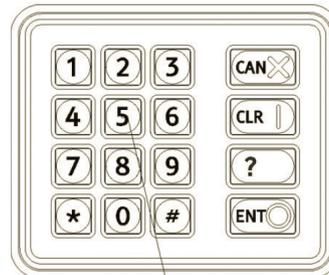
Keypad Layouts



All other keys are black polymer, laser marked white.



All other keys are metal, engraved and infilled black



5 Key has central homepip

All keys are translucent white marked with black characters

Red Polymer Key
with raised cross

Yellow Polymer Key
with raised vertical bar

Blue Polymer Key
no raised feature

Green Polymer Key
with raised circle

Red Illumination
with raised cross

Yellow Illumination
with raised vertical bar

Blue Illumination
no raised feature

Green Illumination
with raised circle

Electrical

Keypad Operating Voltage	24V DC (max)
Keypad Operating Current	50mA (max)
Contact Resistance	100 ohms (max)
Illumination Voltage	5V DC (separate connector)

Mechanical

Minimum Operational Life	4 million cycles/key
Keytop Travel	1.5 mm
Actuation Force	150 gm

Environmental

Operating Temperature	-20°C to 60°C
Vandal Resistant	20J BS EN 60068-2-75: 1997
Weather Resistant	IP65 (where mounted to a suitable enclosure – panel mount gasket included)

Ordering Details

Part No.	Description
8616-21002[x]	Laser Engraved polymer Keys
8616-31002[x]	Engraved Metal Keys
8616-41002[x]	Illuminated Polymer Keys
8600-MK000[x]	Under Panel Mount Kit
4200-003	RS-232 Encoder (Requires connection via a cable which Storm does not supply)

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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www.nikdesign.co.uk



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[6000-MK003](#) [8616-210023](#) [8616-310023](#) [8616-410023](#)