

Robust, attack resistant keypads for use in the most exposed and hostile public environments

- Rugged, reliable and responsive data entry
- Vandal resistant (20J BS EN 60068-2-75: 1997)
- Weather, water and dust resistant (IP65)
- · All metal keytops and casing
- 4 key, 12 key and 16 key formats

- Permanent, high contrast, engraved keytop graphics
- Raised "home pip" on the "5" key
- Simple 'row and column' circuit matrix, terminated by a male, goldplated, square pin, 0.1" (2.54mm) pitch connector with locking ramp
- Can be fixed to a flat surface or under panel mounted for a flush, low profile installation



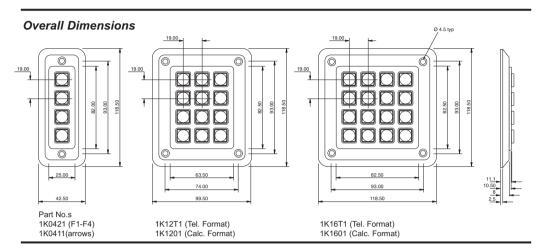






1000 Series vandal resistant keypads

A series of attack resistant keypads for use in the most hostile public environments. Designed and constructed to ensure rapid and reliable data entry in the most challenging applications, the Storm 1000 Series keypads are field proven and lab tested to survive hard use, abuse and vandalism. Ideal for use in a wide range of industrial, commercial and public applications.





Connection Details for 4 Key Keypad



KEY LOCATION ed from front of keypad)

Countersunk Fixing Screws (Not Supplied)

Sealing Gasket

CONTACT MATRIX				
CONNEC. PIN	ROW/ COLUMN			
1	common			
2	D			
3	С			
4	В			
5	A			

Connection Details for 12 Key Keypad

COI	NIA	CI	CC	INC	NF(3110	JNS	j	
•	•	•	•	•	•	•	•		
- 8	7	6	5	4	3	2	1		
(As	vie	we	d fr	om	rea	ar c	f ke	ypa	d)
Α	1	2][3					
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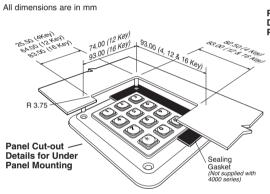
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	CONNEC. PIN	ROW/ COLUMN			
	1	Α			
d)	2	В			
	3	1			
	4	2			
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ad)	8	С			

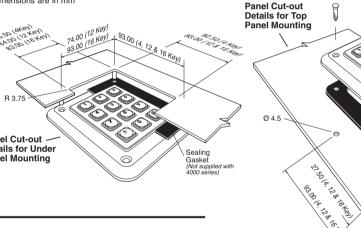
Connection Details for 16 Key Keypad

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(As	vie	wed	d fr	om	rea	ar o	f ke	y
АΓ	1	2	16	3	4	1		

CONTACT MATRIX				
CONNEC. PIN	ROW/ COLUMN			
1	Α			
2	В			
3	1			
4	2			
5	3			
6	4			
7	D			
8	С			

Mounting & Connection Details





Electrical

Contact Bounce 5ms (max) Contact Resistance 100 ohms (max) Insulation Resistance 50 Mohms (min) Breakdown Voltage 500V AC (max 60 secs.) Operating Voltage 24V DC (max) Operating Current 50mA (max)

Mechanical

Operational Life 4 million cycles (min) per key Keytop Travel 1.4mm nominal Actuation Force 180gms nominal Connector 0.1" pitch, gold plated square pin, male connector with locking ramp

Environmental

Water / Dust Sealed IP65 (when mounted to suitable enclosure) -40°C to +100°C (Dry) Operational Temperature 20 Joules via 50mm Impact Ø steel impactor

Material

Casing Chromed die-cast zinc Keytops Chromed die-cast zinc Keytop Legends Engraved Contact Circuit Gold on Nickel plated FR4

Accessories Stock No. Notes PC Interface 4200-00[x] RS232 **Rear Casing** RC12020[x] Supplied complete with fixing hardware, Providing space for additional components sealing gaskets and fixing instructions. or circuitry (12 key formats only) Blank Keytops 1K0000[x] Supplied without keytop graphics. Suitable for engraving. Privacy Shield 1KFS020[x] Supplied complete with fixing hardware, Provides PIN / Entry Code security sealing gaskets and fixing instructions. 12 key only.

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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