

Tough keypads for exposed public applications

- Manufactured to survive hard use and abuse under extreme environmental conditions
- Rugged, reliable and responsive data entry
- · Weather, water and dust resistant (IP65)
- · All metal keytops
- 4,12 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, gold-plated, 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















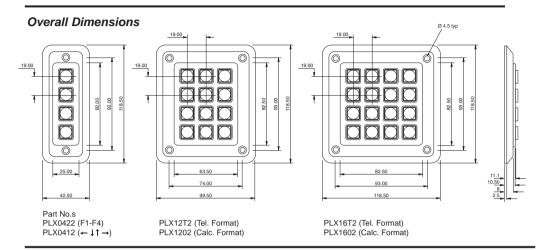




www.storm-interface.com



Ideal for use in applications where toughness and resistance to water and dust is required. PLX keypads are cased in a revolutionary super high-impact polymer, for resistance to abuse and attack. Chromed metal keytops are retained to provide keytop graphics with unsurpassable toughness and wear resistance.









for 4 Key Keypad

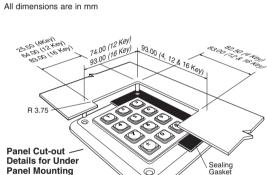
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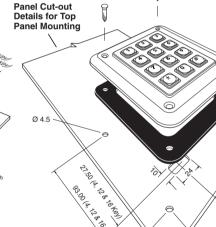
KEY LOCATION

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

CONTACT

Mounting & Connection Details





Connection Details CONTACT MATRIX for 12 Key Keypad CONTACT CONNECTION CONNEC. PIN ROW/ COLUMN

Connection Details for 16 Key Keypad

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KEY LOCATION	
(As viewed from front of keyp	а

Electrical

5ms (max)
100 ohms (max)
50 Mohms (min)
500V AC (max 60 secs.)
24V DC (max)
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)
Operational Temperature	-40°C to +100°C (Dry)
Impact	20 Joules via 50mm
	Ø steel impactor

Material

Casing	Super High Impact Polymer (black)
Keytops	Chromed die-cast zinc
Keytop Legends Contact Circuit	Engraved Gold on Nickel plated FR4
	•

Accessories		
Item	Stock No.	Notes
PC Interface	4200-00[x]	RS232
Rear Casing Providing space for additional components or circuitry (12 key formats only)	RC12020[x]	Supplied complete with fixing hardware, sealing gaskets and fixing instructions.
Blank Keytops set of four	1K0000[x]	Supplied without keytop graphics. Suitable for engraving.
Privacy Shield Provides PIN / Entry Code security	1KFS020[x]	Supplied complete with fixing hardware, sealing gaskets and fixing instructions. 12 way 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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Countersunk Fixing Screws (Not Supplied)
(Threads must be sealed to prevent water ingress)

Sealing Gasket (Not supplied with 4000 series)