

# storm<sup>®</sup> 1000 PLX Series & Graphic Series

## storm<sup>®</sup> 1000 PLX SERIES KEYPADS (Reduced weight and cost)



These high spec keypads are part of the **STORM 1000 Series** Anti-vandal / industrial keypad range. Ideal for use in applications where toughness, resistance to water / dust, and low weight is required. Similar to the **STORM 1000 Series** in design, **PLX** keypads are cased in a revolutionary super high impact polymer, for resistance to abuse and attack. The High Impact Polymer case replaces the cast metal case, reducing cost and weight. Cast metal keytops are retained to provide keypad graphics with unsurpassable toughness and wear resistance.

| Part No. | Array | Description    | One Piece Price |
|----------|-------|----------------|-----------------|
| PLX04220 | 1x4   | 4 key (F1-F4)  | \$47.79         |
| PLX12020 | 3x4   | 12 key (calc.) | \$56.55         |
| PLX16020 | 4x4   | 16 key (calc.) | \$69.05         |
| PLX04120 | 1x4   | 4 key (arrows) | \$47.79         |
| PLX12T20 | 3x4   | 12 key (tel)   | \$56.55         |
| PLX16T20 | 4x4   | 16 key (tel)   | \$69.05         |

- ◆ 4, 12 and 16 key formats
- ◆ Black case, Silver Chrome Keys
- ◆ Telephone and calculator format keypad graphics
- ◆ IP65 Rated against water and dust
- ◆ High level resistance to impact and operator abuse
- ◆ Long and reliable operational life (4 million plus operations per key)
- ◆ Compatible with the Universal Encoder (4000000)
- ◆ Quick and easy to install
- ◆ Top surface or under panel mountable
- ◆ -40°C (dry) to 100°C Operational.

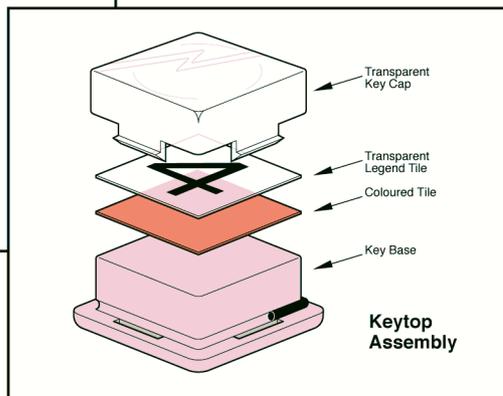


## storm<sup>®</sup> GRAPHIC SERIES KEYPADS



**STORM Graphic Series Keypads** feature keypad legends that can be configured or customised, without dismantling the keypad. The unique 'snap on' keypad cover encapsulates a polymer legend tile. The legend tiles can be selected from an extensive library of standard characters or symbols to suit many applications. Alternatively customised keypad graphics can be created using laser printed acetate film or screen printed polymer film. Keypad colours can also be customised by backing the transparent polymer or acetate legend tile with a second coloured tile. The impact resistant keypad cover, once pressed into place, provides a permanent tamper resistant lens, protecting the encapsulated legend from wear, physical damage, water ingress and unauthorised removal.

The introduction of the **Graphic Series** means that **STORM** keypads can now be tailored to meet specialised requirements even in low or medium quantities. Available in 4 key, 12 key and 16 key formats these keypads are ideal for use in industrial, commercial, point of sale or public applications.



- ◆ High impact Polymer Casing and Keytops (with configurable keypad graphics)
- ◆ Rain, splash and dust resistant to IP54 rating
- ◆ Gold on Nickel plated FR4 contact PCB
- ◆ Long & reliable operational life (2 million plus cycles per key)
- ◆ Available in 4, 12 and 16 key formats
- ◆ Quick and easy to install
- ◆ Top surface or under panel mountable
- ◆ -10°C (dry) to +75°C operational



Keypad housing is black, keytops are transparent to show chosen encapsulated colour. The **Graphic Series** keytops are also available as individual items and can be used to replace keytops with permanent legends fitted to **STORM 1000, 2000 & 3000 Series Keypads**.

| Part No. | Array    | Description       | One Piece Price |
|----------|----------|-------------------|-----------------|
| GS04020  | 1x4      | 4 Key Pad         | \$24.80         |
| GS12020  | 3x4      | 12 Key Pad        | \$36.00         |
| GS16020  | 4x4      | 16 Key Pad        | \$44.00         |
| GSA0T20  | 26 tiles | Legend tile set A | \$2.60          |
| GSB0T20  | 26 tiles | Legend tile set B | \$2.60          |
| GSC0T20  | 26 tiles | Legend tile set C | \$2.60          |
| GSD0T20  | 26 tiles | Legend tile set D | \$2.60          |
| GSE0T20  | 26 tiles | Legend tile set E | \$2.60          |
| GSF0T20  | 26 tiles | Legend tile set F | \$2.60          |

| Part No. | Array     | Description   | One Piece Price |
|----------|-----------|---------------|-----------------|
| GS00020  | 26 tiles  | Grey          | \$1.72          |
| GS00030  | 26 tiles  | Red           | \$1.72          |
| GS00040  | 26 tiles  | Green         | \$1.72          |
| GS00050  | 26 tiles  | Blue          | \$1.72          |
| GS00060  | 26 tiles  | Yellow        | \$1.72          |
| GS00000  | 4 keytops | Spare keytops | \$5.17          |

**STORM Graphic Series legend tile sets should be ordered using these part numbers. For a graphical representation of keypad character sets 'A' to 'F' see the legend tile character library.**

# Legend Tile Character Library

Keypad legend character options for STORM Graphic, 700 & 900 Series keypads

|     |      |   |    |     |
|-----|------|---|----|-----|
| *   | #    | + | -  | ÷   |
| =   | •    | X | AC | I/O |
| ENT | CE/E | 0 | 1  | 2   |
| 3   | 4    | 5 | 6  | 7   |
| 8   | 9    | ↑ | ↓  | →   |
|     |      |   |    | ←   |

Set (A)

|     |     |    |    |     |
|-----|-----|----|----|-----|
| F1  | F2  | F3 | F4 | F5  |
| F6  | F7  | F8 | F9 | F10 |
| F11 | F12 | £  | \$ | ?   |
| !   | (   | )  | @  | <   |
| >   | Fn  | "  | '  | %   |
|     |     |    |    | &   |

Set (D)

|     |         |      |     |     |
|-----|---------|------|-----|-----|
| ENT | PRINT   | DEL  | INS | CAP |
| ESC | CTRL    | ALT  | ON  | OFF |
| /   | \       | LOCK | ↔   | ↑   |
| ↓   | \$<br>£ | ;    | ⋮   | ,   |
| •   | ↶       | ↑    | ↓   | →   |
|     |         |      |     | ←   |

Set (B)

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Set (E)

|   |   |   |   |   |
|---|---|---|---|---|
| A | B | C | D | E |
| F | G | H | I | J |
| K | L | M | N | O |
| P | Q | R | S | T |
| U | V | W | X | Y |
|   |   |   |   | Z |

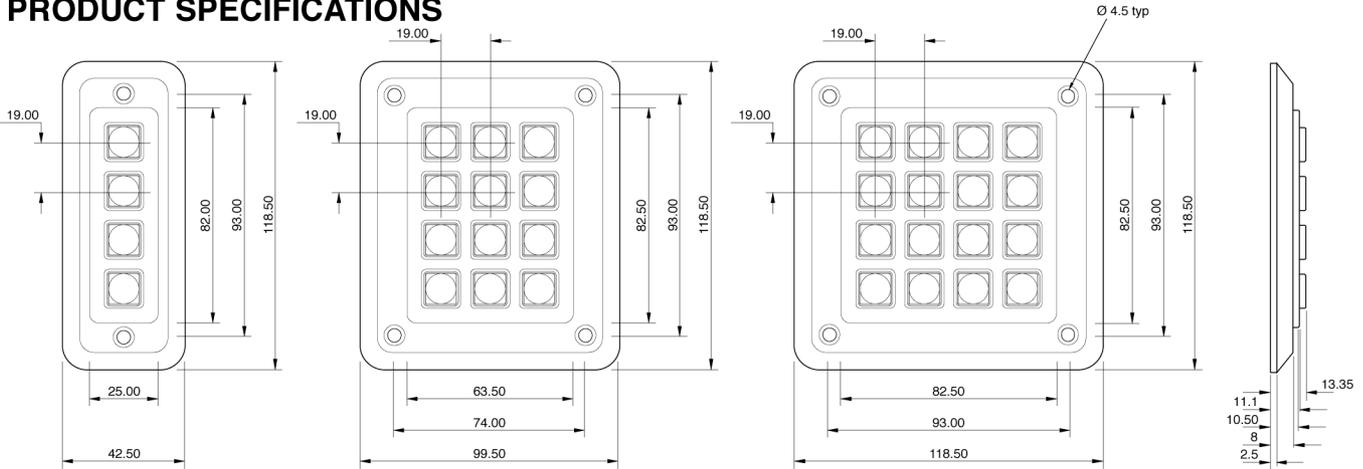
Set (C)

|   |   |      |     |     |
|---|---|------|-----|-----|
| 0 | 1 | 2    | 3   | 4   |
| 5 | 6 | 7    | 8   | 9   |
| A | B | C    | D   | E   |
| F | → | CE/E | ENT | OFF |
| * | # | +    | -   | •   |
|   |   |      |     |     |

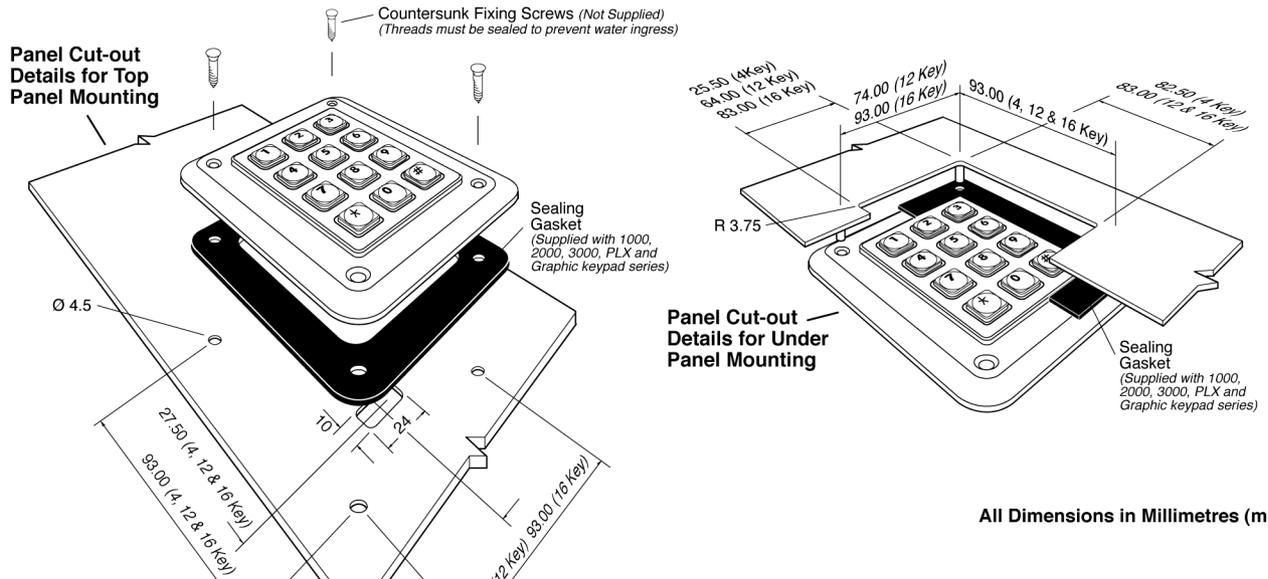
Set (F)

Fonts & character sizes may differ from those shown.

### PRODUCT SPECIFICATIONS

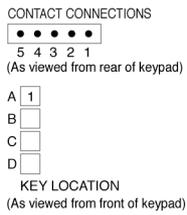


### MOUNTING & CONNECTION DETAILS



All Dimensions in Millimetres (mm).

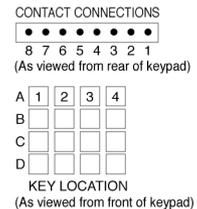
#### Connection Details for 4 Key Keypad



#### Connection Details for 12 Key Keypad



#### Connection Details for 16 Key Keypad



### ACCESSORIES

| Part No. | Item   | Notes   |
|----------|--|---|
| 4000000  | Universal Encoder  | Keypad Interface. PC/RS232  |
| RC12020  | Rear Casing - Providing space for additional components or circuitry (12 key formats only) | Supplied complete with fixing hardware, sealing gaskets and comprehensive fixing instructions |
| 1K00000  | Blank Keytops (STORM 1000 Series) - set of four  | Supplied without keytop graphics. Suitable for engraving                                      |
| 2K00000  | Blank Keytops (STORM 2000 Series) - set of four  | Supplied without keytop graphics. Suitable for engraving or printing                          |
| 1KFS020  | Privacy Shroud (for 12 key formats only)   | Helps to prevent unauthorised surveillance of numeric codes                                   |

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

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