

Model 612A BCD Keypad Entry



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Product Description

- Compatible with all programmable controllers
- Flat membrane or full travel keypad
- NEMA 4 and NEMA 12 rating
- 4 digit red LED display
- Display blinks when keys are pressed
- DIP switch selectable setups
- Removable screw terminals
- Digit lockout
- Internal and external clear
- Auto enter mode of operation

Model 612A Keypad is a high capability, multi-function data entry device compatible with programmable controllers and microprocessor-based digital control systems. The 612A has a 4 digit, red, .43" high LED display. Data is displayed as the operator inputs it. A fixed decimal point is DIP switch selectable.

Three keypads are available: membrane, NEMA 4 full travel and NEMA 12 full travel. The membrane and NEMA 12 full travel keys are designed for 1,000,000 operations. The NEMA 4 full travel is industrially hardened for 4,000,000 operations. Keys are spaced at 3/4" intervals and provide operator feedback by blinking the display each time a key is pressed. All terminations are made via removable screw terminals or ribbon cable sockets conveniently located on the rear of the unit. Logic circuitry is contained on internal stacked boards so that physical protection to all components is inherent. The 612A has ten numeric keys, a Clear key and an Enter key. The 18 outputs are selectable for either sinking or sourcing operations when ordering. sixteen of the outputs are BCD data lines; the remaining two are Enter and Data VALID. The five optically coupled inputs include a strobe for each digit and an external clear input. The 612A can be operated from a 5, 15 or 24 VDC power supply. Logic, input and output voltage can all be different.

8121 Adapter

This Adapter enables the 612A to be used with individual digits multiplexed to only four output lines, with one strobe line for each digit. This adapter plugs into ribbon a cable connector.

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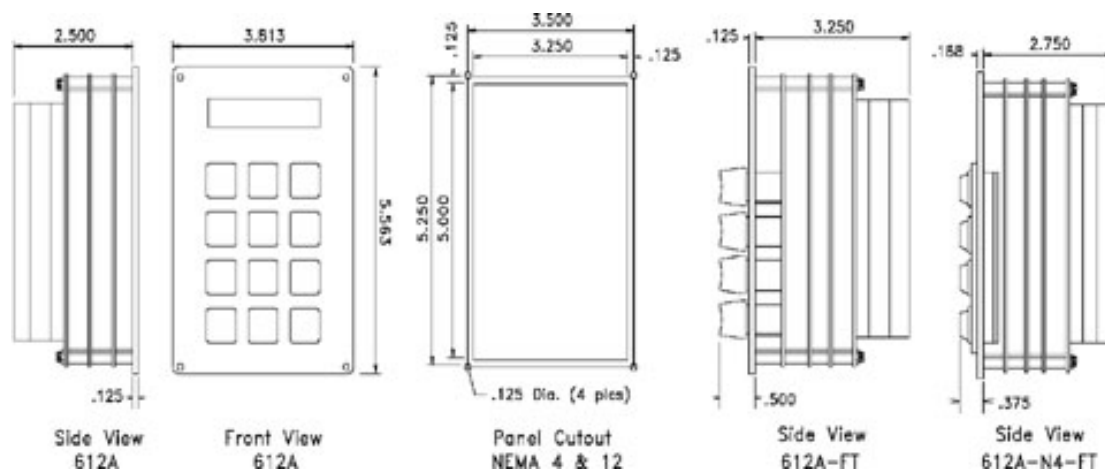
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Model 612A BCD Keypad



Dimensions



Specifications

612A

Supply Voltage: 5, 15 or 24 VDC

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Current:	100mA typical, 250mA max Optically Coupled Inputs (ea)
Voltage:	5 - 30 VDC
Current:	10mA
Outputs Voltage:	5 - 50 VDC
Current:	350mA with one output on 150mA with all outputs on
Panel Sealing:	Flat membrane - NEMA 4 Full travel - NEMA 4 or NEMA 12
Operating Temperature:	0° to 50°C
Humidity:	10% to 95%, non-condensing
Models:	(612A), Membrane Keypad (612A-FT), Full Travel Keypad NEMA 12 (612A-FT-(SI or SO)-N4), Full Travel Keypad NEMA 4
Outputs:	(SI), Sinking (SO), Sourcing



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