PB-800

Exit Button & Keyswitch



Pedestal-mounted free-exit station for access-controlled gates. The momentary push button includes a 12 VDC LED indicator and a separate keyswitch override.

STAINLESS-STEEL MOMENTARY PUSH BUTTON

Metal momentary switch with a stainless-steel button and a 6–30 V LED ring. The PB-800 wiring diagrams show a 12 VDC supply for the ring.

KEY FEATURES & OPERATION

Pedestal Mounting

The enclosure is built for exterior gooseneck or pedestal installation to provide convenient driver or pedestrian reach at access-controlled gates.

Momentary Free-Exit Button

Pressing the spring-loaded button sends a temporary trigger signal to the gate operator to open the gate for exiting traffic.

12 VDC LED Indicator

An integrated low-voltage LED illuminates the station to improve visibility at night and confirm power or trigger status.

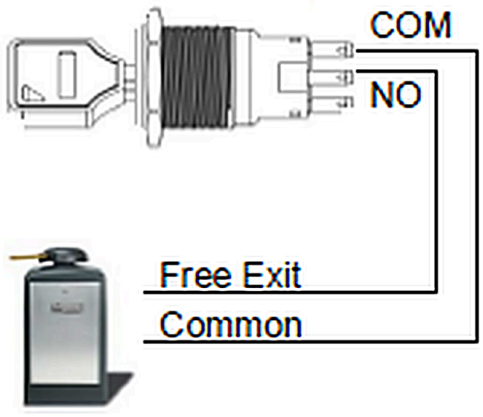
Keyswitch Override

A built-in keyed cylinder allows authorized personnel to bypass normal button operation, lock out the exit button, or hold the gate open depending on how the dry contacts are wired to the operator.

The metal enclosure has a stainless-steel faceplate and a cam-lock access door.

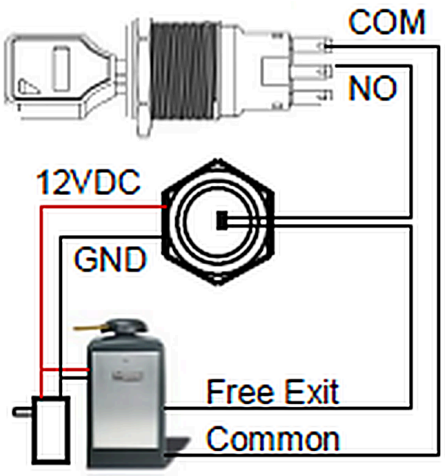
Wiring Diagrams

OPTION 1 | HOLD OPEN



Use an operator input configured for hold-open operation. Turning the key OFF releases the maintained command.

OPTION 2 | ENABLE FREE EXIT



The keyswitch and push button are wired in series. With the key ON, pressing the button sends a momentary free-exit command.

PUSH BUTTON LEADS

Red	LED positive (+12 VDC)
Black	LED negative (GND)
Green	Normally open contact (NO)
Green	Common contact (COM)

Pressing the button closes the two green leads. The LED circuit is independent.

KEYSWITCH LEADS

White	Common contact (COM)
Green	Normally open contact (NO)
Blue	Normally closed contact (NC)

With the key OFF in Option 2, the push button cannot send a free-exit command.

Verify the input function, terminal assignments, and power supply against the gate operator’s installation manual before wiring.