



## 1051P Pneumatically Operated Deadlatch



# Pneumatic Locks



For More information please call 210-123-4567

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### APPLICATION

For maximum security swinging doors that are to be unlocked from a remote location. Jamb mounted. Door position indicator switch, door closer and heavy duty door pull are recommended.

### FUNCTION

**ELECTRIC** - Remote switch activates a pneumatic cylinder which retracts the latchbolt. Latchbolt remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

**MECHANICAL** - Latchbolt is retracted by a paracentric key at the door and remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

Automatic deadlatch feature is suspended when paracentric key is rotated to mechanical key hold-back position. Normal function is resumed when key is returned to deadlocked position.

### STANDARD FEATURES

- Deadlock indication switch
- Mechanical latchback
- Six tumbler lock
- Plug connector
- Solenoid valve
- Fail secure
- Mounting fasteners
- Mechanical key holdback
- Adjustable roller bolt

### OPTIONAL FEATURES

**NO LATCHBACK** - Latchbolt remains retracted as long as control switch is activated. Latchbolt extends when power is removed. Specify "NL."

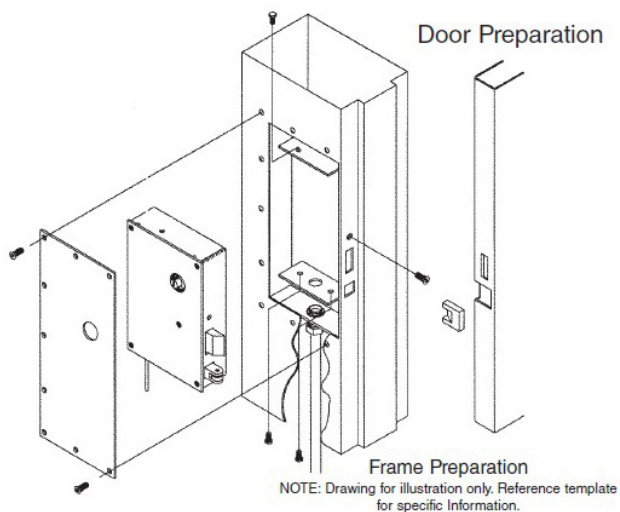
**EMERGENCY EXIT DOOR HOLDBACK** - Deadbol retracted by solenoid or by key, extended by key only (no snaplatch feature). When deadbolt is extended, lock is deadlocked. Specify "EED." UL listing not available with this function.

**EMERGENCY EXIT RELEASE** From remote location latchbolt can be retracted and held retracted until released from remote station. Requires a second pneumatic tube to the lock and an emergency reserve air system. Specify "EER." UL listing not available with this function.

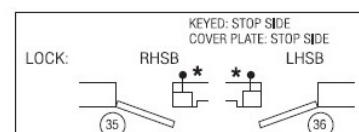
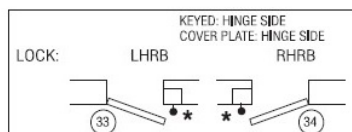
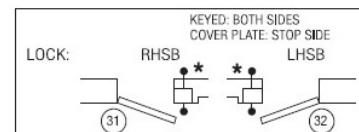
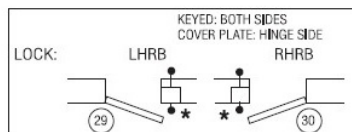


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**Swing Chart:** Specify circled swing number when ordering.



\* Indicates lock mounting/access plate side.

## TECHNICAL DATA

Standard Finish	Galvanized
Cover	3/16" steel plate
Case	3/16" steel plate
Latchbolt	Cold-rolled steel
Deadlock Actuator	Stainless steel
PARACENTRIC CYLINDER	Silicon bronze/copper alloy
Electrical	24 VDC, inrush: 3A Locked Rotor Current: 1.5A
Wire Requirements	When electric operation of the door is from a remote station, a minimum of five conductors (minimum 14 gauge) are required between the control point and the door, except for those models having the letter "K" (keyswitch) in the suffix. Keyswitch models require minimum six conductors.



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