

## JAMB MOUNTED FOR SWINGING DOORS

Medium and maximum security.

## 10120AP PNEUMATICALLY OPERATED DEADLATCH

10120AP-1: KEYED ONE SIDE  
10120AP-2: KEYED BOTH SIDES

### APPLICATION:

Medium and 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 with a mogul 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.



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### STANDARD FEATURES:

- Deadlock indication switch
- Mechanical latchback
- Strike with security fasteners
- Mogul cylinder (US26D Finish)
- Plug connector
- Solenoid valve
- Fail secure
- Mounting fasteners

### OPTIONAL FEATURES:

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

**KNOB FUNCTION** - Bolt retracted by knob on opposite side of mogul cylinder only. Specify "K."

**MECHANICAL KEY HOLDBACK** - Bolt retracted by key, remains retracted until manually projected with key. Specify "MKH." UL Listing not available with this function.

**LOCAL ELECTRIC KEYSWITCH** - Day key provides local electric operation and may be disabled from remote control point. Master key provides both electric and mechanical operation. Specify "LEK."

**EMERGENCY EXIT DOOR HOLDBACK** - Deadbolt retracted by air cylinder or by key, extended by key only (no snaplatch feature). When bolt is extended, lock is deadlocked. UL Listing not available with this function. Specify "EED"

**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. UL Listing not available with this function. Specify "EER."

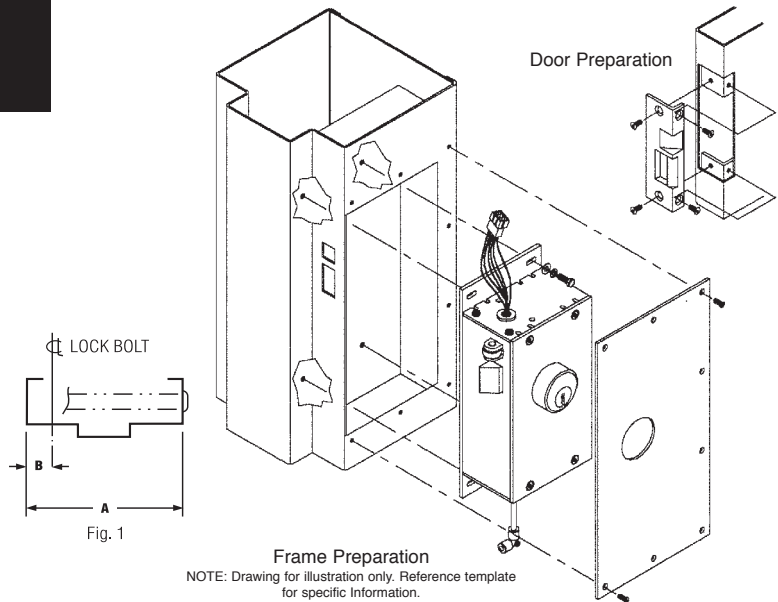
NOTE: Master keying available.

**KEY CYLINDER EXTENDER** - An option in place of providing a recess in the frame when keying on the stop side is required. Available in 3" or 5". 3" extender can be used on openings up to 6" jambs. 5" extender can be used on openings up to 8" jamb. Specify "KCE," then extender size. Other lengths available upon request.

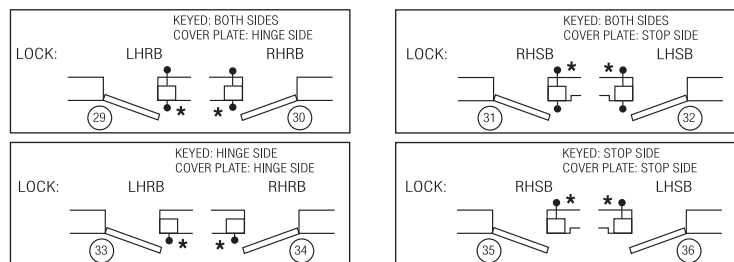
PROVIDE:(See Fig.1)

1. Dimension "A"  
(overall frame width)
2. Dimension "B"  
(edge of frame to centerline of lockbolt)

## 10120AP PNEUMATICALLY OPERATED DEADLATCH



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



\* Indicates both mounting/access plate side.

### TECHNICAL DATA:

- **STANDARD FINISH:**  
Galvanized
- **COVER:** 10 gauge steel plate
- **CASE:** 10 gauge steel plate
- **STRIKE:** Stainless steel
- **LATCHBOLT:** Stainless steel
- **DEADLOCK ACTUATOR:**  
Stainless steel
- **MOGUL CYLINDER:**  
US26D
- **MOGUL KEYS:**  
Nickel Silver
- **PIN TUMBLERS:**  
Combination nickel silver and stainless steel, 6 tumblers per lock
- **ELECTRICAL:** 24 VDC,  
1.5 watt continuous duty
- **AIR REQUIREMENT:**  
Consumption: 1.1 cubic inches per operation.  
Supply pressure:  
80-100 P.S.I. at the door.
- **LOCK SIZE:**  
12" H x 5-7/16" W x 3-1/2" D
- **LOCK WEIGHT:** 19 lbs.
- **LATCHBOLT SIZE:**  
1-1/2" H x 3/4" TK
- **LATCHBOLT THROW:** 1"
- UL Listed for use on three-hour fire doors.
- UL Listed as burglary resistant under UL 1034.
- ASTM F 1577 Certified Impact Test-Grade 1

