



## 10300P Pneumatically Operated Deadlatch



## Pneumatic Locks



For More information please call 210-533-1231

# Pneumatic Locks

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### APPLICATION

Minimum to medium 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 air 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 builder's hardware 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.

### STANDARD FEATURES

- Deadlock indication switch
- Mechanical latchback
- Strike with security fasteners
- Faceplate with security fasteners
- Plug connector
- Solenoid valve
- Fail secure
- Mounting fasteners

Note #1: 1-11/16" O.D. x 1/8" wall cold drawn tubes furnished by hollow metal manufacturer.

### OPTIONAL FEATURES

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

**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 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.

10300P-1: KEYED ONE SIDE  
10300P-2: KEYED BOTH SIDES



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### OPTIONAL FEATURES CNT.

#### BUILDER'S HARDWARE CYLINDERS -

Specify:

- "10300P-1" keyed one side.
- "10300P-2" keyed both sides.

#### KEY CYLINDER EXTENDER -

Required whenever lock is keyed on stop side. Overall frame depth 4" minimum. Specify "KCE."

Full body rim cylinder required on stop side.

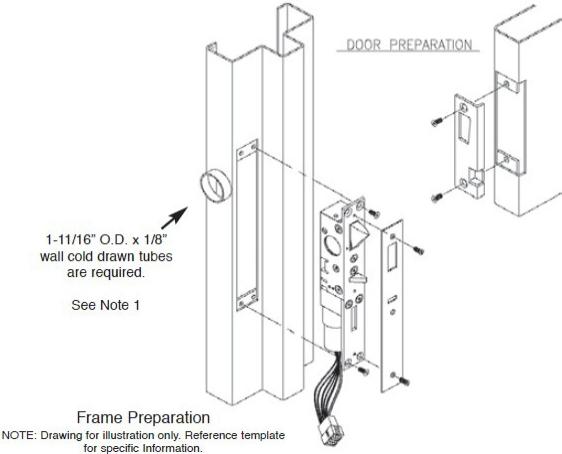
Full body mortise cylinder required on hinge side.

PROVIDE: (See Fig. 1)

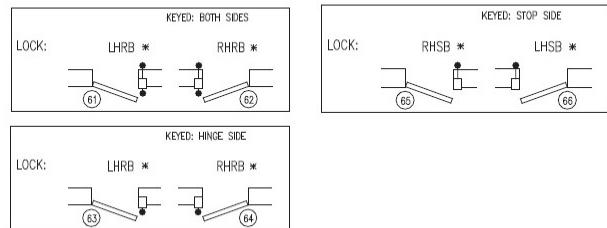
1. Dimension "A" (overall frame width)
2. Dimension "B" (edge of frame to centerline of lockbolt)

### TECHNICAL DATA

Standard Finish	US32D
Lock Body	Stainless Steel
Face Plate	Stainless Steel
Latchbolt	Stainless Steel
Deadlock Actuator	Stainless steel
Electrical	24 VDC, 1.5 watt continuous duty
Air Requirement	Consumption: 44 Cubic inches per operation
Supply Pressure	80 - 100 P.S.I. at the door
Lock Size	10 - 5/8" H x 1-1/2" W x 1- 3/4" D
Lock Weight	3.2 lbs
Latchbolt Size	1-5/8" H x 5/8" TK
Latchbolt Throw	3/4"
Builder's Cylinder	1-5/32" diameter with standard Yale cam or equal



Swing Chart: Specify circled swing number when ordering.



UI Listed For Use On three-hour Fire Doors.  
Astm F 1577 Certified Impact Test-Grade1

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