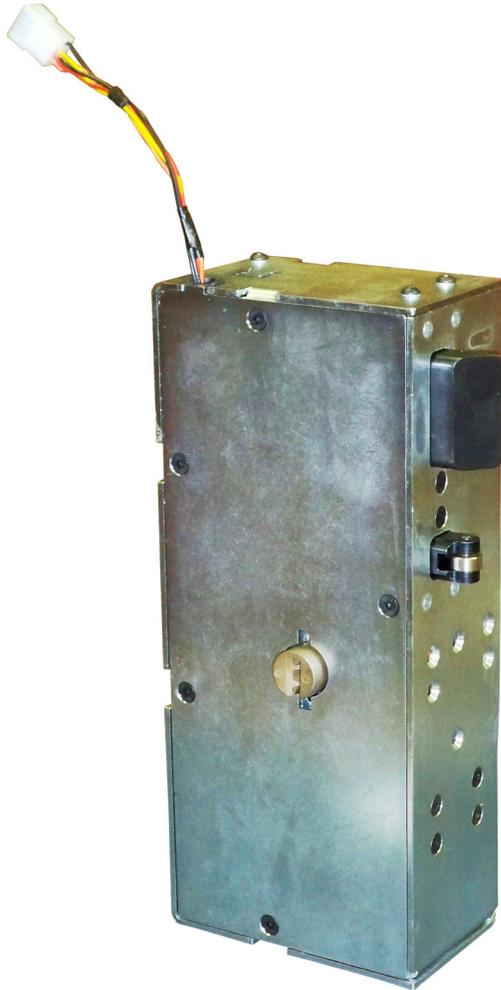


# SOLENOID LOCK 9712P



The **9712P** provides for electric or manual locking / unlocking of swinging doors. It can be operated from a remote location or by paracentric key at the door. For additional security, it is recommended that the 9712P lock be used with an Airteq high security door position sensor. An automatic door closer may also be used.

## APPLICATION:

Solenoid actuated swing door lock for entrances, safety vestibules, corridors, inmate housing, and suitable for exterior locations.

## SECURITY LEVEL:

ASTM F 1577 Grade 2, Grade 1 optional

## KEY CYLINDER:

Paracentric lever tumbler

Note: Capable of being keyed differently on each side

## MOUNTING:

Jamb mounted in minimum 7" frame with either hinge side or stop side access cover.

## FIRE RATING:

UL10B - 3 Hour

## STANDARD OPERATION

- Latch bolt retracts when momentary signal is applied to the lock, and remains retracted until the door is opened approximately 2", at which time the latchbolt extends. The lock automatically latches & dead locks when the door is closed. (Mechanical Latchback)
- Provides automatic deadlocking, even in the event of a total loss of power.
- Paracentric key cylinder to allow for manual mechanical unlocking of the lock by key at the opening.
- Fails secure, unlocks when energized.

## STANDARD FEATURES

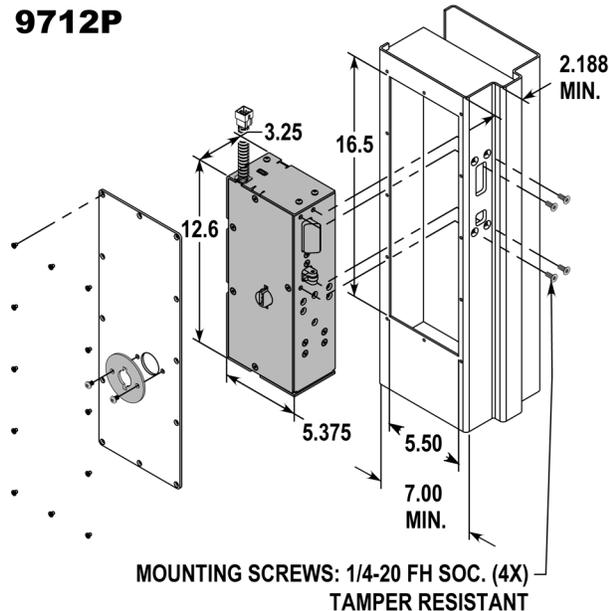
- Latch bolt has a full 1" throw
- Slam-locking with automatic mechanical deadlock
- Roller-type deadlock actuator
- Lock status switch indicates deadlocked latch bolt
- Keyed one or two sides
- Plated Strike/Keeper furnished with tamper resistant screws
- Quick connect electrical connectors
- Factory wired field-side pigtail
- Plated and stainless steel parts
- RLB (Remote Latch Back—Latch bolt remains retracted when unlocked until door is opened)



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# TECHNICAL SPECIFICATIONS

## 9712P



- **Body:** All steel construction
- **Dimensions:** 5.375" x 12.6" x 3.25"
- **Latchbolt:** 2" x 3/4" precision machined alloy steel, hardened to RC 60
- **Latchbolt Throw:** 1" - Flush when retracted
- **Deadlock Actuator:** Roller type, stainless steel
- **Lock Status Switch:** 15 amp rated, UL recognized
- **Electrical Power Consumption:** 12.0 amp inrush, 0.6 amp seated
- **Operating Range:** 115 VAC, 1 Phase, 60 Hz
- **Electrical Connector:** Quick connector with color coded wiring harness
- **Latchbolt Shear Strength:** 60,000 pounds
- **Strike/Keeper:** 1/2" hardened 1018 cold rolled steel, Nickel plated with tamper resistant screws
- **UL10B:** 3 hour fire rating
- **ASTM F 1577 Lock Function C200-P24**

Shaded Items available from lock manufacturer **RHRB DOOR**

## HOW TO SPECIFY AND ORDER AN AIRTEQ 9712P LOCK

| WHEN SPECIFYING . . .   |   |              |   |        |   | ALSO SPECIFY . . . |   |                   |   |           |
|---|---|--------------|---|--------|---|--------------------|---|-------------------|---|-----------|
| MODEL NO.   | X | "K1" OR "K2" | X | FINISH | X | SCREW HEAD STYLE   | X | OPTIONAL FEATURES |   |           |
| * WHEN ORDERING . . .   |   |              |   |        |   |                    |   |                   |   |           |
| MODEL NO.   | X | SWING CODE   | X | FINISH | X | SCREW HEAD STYLE   | X | OPTIONAL FEATURES | X | DOOR THK. |
| EXAMPLE A:  |   |              |   |        |   |                    |   |                   |   |           |
| WHEN SPECIFYING . . .   |   |              |   |        |   |                    |   |                   |   |           |
| 9712P X K1 X US32D X TORX   |   |              |   |        |   |                    |   |                   |   |           |
| * WHEN ORDERING . . .   |   |              |   |        |   |                    |   |                   |   |           |
| 9712P X 13 X US32D X TORX X 2"DR.   |   |              |   |        |   |                    |   |                   |   |           |
| EXAMPLE B:  |   |              |   |        |   |                    |   |                   |   |           |
| WHEN SPECIFYING . . .   |   |              |   |        |   |                    |   |                   |   |           |
| 9712P X K2 X US32D X TORX X RLHB  |   |              |   |        |   |                    |   |                   |   |           |
| * WHEN ORDERING . . .   |   |              |   |        |   |                    |   |                   |   |           |
| 9712P X 08 X US32D X TORX X RLHB X 2"DR.  |   |              |   |        |   |                    |   |                   |   |           |
| * TEMPLATE NO. AND LATEST REVISIONS SHOULD BE COORDINATED WITH THE DOOR AND FRAME MANUFACTURER. |   |              |   |        |   |                    |   |                   |   |           |

## SWING/HAND CHART

| SWING CODE | DOOR HAND DIAGRAM *COVER PLATE | SWING CODE | DOOR HAND DIAGRAM *COVER PLATE |
|------------|--------------------------------|------------|--------------------------------|
| 07 LHRB    | IN<br>OUT                      | 08 RHRB    | IN<br>OUT                      |
| 09 RH      | IN<br>OUT                      | 10 LH      | IN<br>OUT                      |
| 11 LHRB    | IN<br>OUT                      | 12 RHRB    | IN<br>OUT                      |
| 13 RH      | IN<br>OUT                      | 14 LH      | IN<br>OUT                      |

### Optional Features

- ◆ **KR** - Knob Release: Latchbolt is retracted by knob release on one side of lock. Knob is always active. When ordering, specify hinge side (HS) or stop side (SS).
- ◆ **GR1** - ASTM Grade 1 Rating: Meets ASTM F1577 Grade 1 impact standards
- ◆ **ARB** - Adjustable Roller Bolt: Allows for adjustment of the roller bolt deadlock actuator when the standard strike/keeper is not used.

### Optional Functions

- ◆ **RLHB** - Remote Latch Holdback: Latch bolt is retracted by push button at the control panel and remains retracted until button is pushed a second time (control feature).
- ◆ **ELHB** - Emergency Latch HoldBack: Latchbolt is retracted remotely and remains mechanically retracted until relocked at the door by key.
- ◆ **NRLB** - No Remote Latch Back: No Remote Latch Back: Latchbolt extends immediately when power is removed or key is moved to the locked position.

**NOTE: PLEASE CONTACT AIRTEQ WHEN MORE THAN ONE FUNCTION IS REQUIRED ON THE SAME LOCK.**

### Warranty

Airteq warrants its products against defects in material or workmanship for one year from the time of delivery. Airteq's sole obligation under the warranty is to repair, or at its option, to replace the product. The buyer shall have no other remedy. (All special, incidental and coincidental damages are excluded.) Written notice of breach of warranty must be given to Airteq within the warranty period. The warranty does not cover damages resulting from improper installation or maintenance, accident or misuse. NO OTHER WARRANTIES AS TO MERCHANTABILITY OR OTHERWISE ARE MADE. A continuing product research program is ongoing. Airteq reserves the right to incorporate products and specification changes at any time without notice.