



PSB560 REX PRESSURE SENSE BAR

Part 1 GENERAL

1.1 SECTION INCLUDES

A. Features:

1. Non-Latching Push Bar for Magnetic Lock Release, Delayed Egress Trigger, Access Control Request-to-Exit, Alarm Shunt and CCTV or Alarm Activation
2. The PSB560 is Tri-Failsafe. A third redundant micro switch is automatically activated to release the door if either sensors or the electronics fail. This automatic emergency release switch does not require prior knowledge to find or use. The door operation will continue without the inconvenience of emergency service.
3. PSB560 design has a Narrow Low profile with minimum projection from the door of only 1.875" (47mm).
4. The PSB560 is economical alternative to sensor activated bars and requires no human touch
5. It is designed to release electromagnetic door locks for uninhabited egress
6. The PSB560 sensors do not require calibration. Stable pressure sense technology does not require adjustment or tune-in
7. 18" flex stainless steel conduit included and PT-2U enables wiring from the door to the frame
8. Temperature Tolerant – Pressure sense technology operates from 0° to 150° F and tolerates sudden and extreme temperature changes

B. Additional styles:

- MSB550V – 628 Aluminum Anodize
- MSB550Y – 335 Black Anodize
- MSB550C – 605 Polished Brass
- MSB550S – 629 Polished Stainless Steel
- MSB550U – 630 Brushed Stainless Steel

C. Specifications:

- Voltage Input: 12/24VDC Voltage sensing. No field adjustment
- Current: 20mA at rest, 115 mA active
- Output: Two SPDT Dry contacts. 3 Amp @ 28VDC
- Operating Temp: 0° to 150°F (-18° to 65°C)
- Height: 2.375" (60.3mm)
- Depth: 1.875" (47.6mm)

Width: 36" (914mm) Standard
42" (1,067mm)
48" (1,219mm)
May be field cut to length
Activation Force Factory Set: 5lbs (2.2Kg)
Field Adjustable: Up to 15lbs (6.8Kg) max

1.2 CERTIFICATIONS

- A. Underwriters Laboratories (UL/cUL) Access Control System Burglary Resistant Electronic Lock
- B. CSFM Listed – Exit Door Accessories
- C. SIN – Security Industry Finest

1.3 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations
 - 2. Storage and handling requirements and recommendations
 - 3. Installation methods
- B. Shop Drawing: Manufacturer's approved drawings detail the application
- C. Section Samples: Samples are available depicting the finish types
- D. Verification Samples: For the finish product specified, two full size samples representing the actual product, color and size

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: PSB560 will be provided by a single manufacturer with over 30 years of experience in door closers
- B.  Made in the USA

1.5 DELIVERY, STORAGE AND HANDLING

- A. Store products in manufacturer's unopened packing until ready for installation
- B. No harsh chemicals are used during this process, so no special handling or disposal is required

1.6 PROJECT CONDITIONS

Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by the manufacturer for optimum results. Do not install this product if environmental conditions are outside the manufacturer's limits.

1.7 WARRANTY

After project completion, the owner or owner's representative will receive a copy of the Manufacturer's Limited Warranty against manufacturing defects. The duration of this warranty is 5 years.

PART 2 PRODUCTS

2.1 MANUFACTURER

International Door Closers, Inc (Manufacturers' Rep):

1140 N Kraemer Pl, Anaheim, CA 92806 (800) 544-4422
1920 Air Lane Dr, Nashville, TN 37210 (800) 225-6737

PART 3 EXECUTIONS

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared
- B. If the substrate is the responsibility of another installer, notify the Architect of any unsatisfactory preparation before proceeding

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions

3.4 PROTECTION

- A. Protect installed products until completion of project
- B. Repair or replace any damaged products before substantial completion

END OF SECTION