PD6300 SERIES NTEP CERTIFIED PULSE INPUT DEVICES
Security Seal Installation Guide

NTEP CERTIFICATION

CERTIFICATE NUMBER	14-061
DEFINITION	Register for Meter Stationary Wholesale Liquid Register/ Controller Digital Electronic Model: PD63XX Series
EVALUATION CRITERIA	NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices, 2014 Edition. NCWM Publication 14 Measuring Devices, 2014 Edition.

National Conference on Weights and Measures (NCWM) National Type Evaluation Program (NTEP) Certificate of Conformance available at www.predig.com.

INTRODUCTION

The PROVU® PD6300-WM Series is an NTEP® Certified meter and controller certified as a weighing and measuring device.

The device has a mechanically secured programming lockout feature. A cable with compression seal may be secured to prevent the removal of the rear case, preventing access to the programming lockout jumper.

Wire Security Seal Kit Contents

This security seal kit contains the following:

A Security Seal Mounting Bracket with Wire Loop Pass-Through

B Wire Loop Security Seal

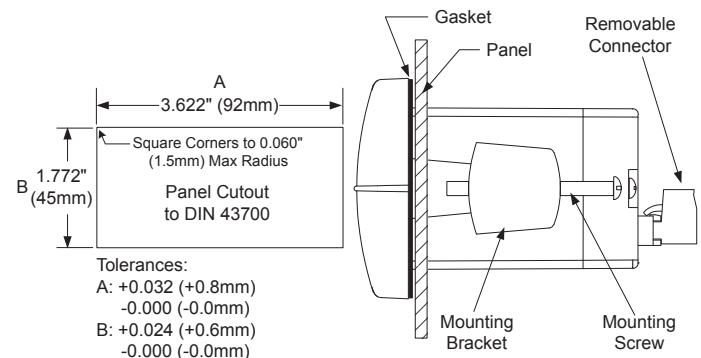**C** LIM6310WM-2 Security Seal Installation Guide (This Document)
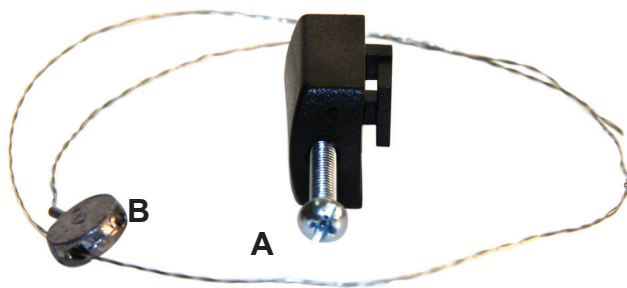
Combined with using the programming lockout jumper to restrict access to the programming, the device meets the requirements for National Conference on Weights and Measures (NCWM) National Type Evaluation Program (NTEP) certification.

Security Seal Installation

1.0 Install the Device in the Panel

2.0 Program the Device

3.0 Install the Programming Lockout Jumper

4.0 Install the Security Seal Wire Loop

1.0 Install the Device in the Panel

1.1 Prepare a standard 1/8 DIN panel cutout – 3.622" x 1.772" (92 mm x 45 mm). Refer to the figure below for details.

1.2 Clearance: allow at least 6.0" (152 mm) behind the panel for wiring.

1.3 Panel thickness: 0.04" - 0.25" (1.0 mm - 6.4 mm). Recommended minimum panel thickness to maintain Type 4X rating: 0.06" (1.5 mm) steel panel, 0.16" (4.1 mm) plastic panel.

1.4 Remove the mounting bracket mounted on the device (Back-off the screw so that there is ¼" (6.4 mm) or less through the bracket. Slide the bracket toward the front of the case and remove). Note what side this bracket is mounted to.

1.5 Locate the security bracket packed in the wire security seal installation kit. The security seal mounting bracket can be identified by wire loop pass-through located next to the mounting screw.

1.6 Insert device into the panel cutout.

1.7 Mount each bracket. Be sure the security seal mounting bracket is located on the side of the case with the wire loop pass-through holes.

1.8 Tighten the screws against the panel. To achieve a proper seal, tighten the mounting bracket screws evenly until device is snug to the panel along its short side. DO NOT OVER TIGHTEN, as the rear of the panel may be damaged.

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2.0 Program the Device

Set up the device with all necessary programmable settings prior to installing the lockout jumper. Refer to the device instruction manual for details on setting up the device.

The programming of the device must be completed before installing the programming lockout jumper. Installing the programming lockout jumper will prevent access to the programming menus.
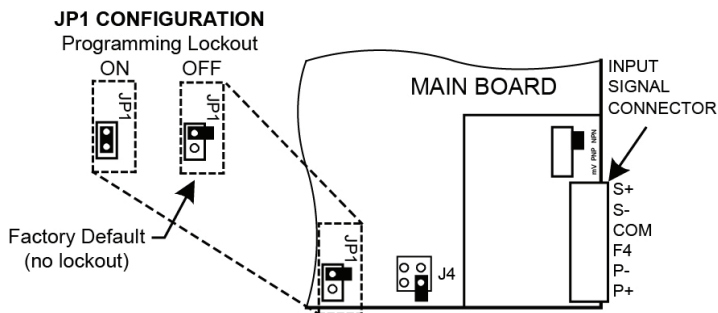
3.0 Install the Programming Lockout Jumper

Installing the programming lockout jumper will prevent access to the programming menus. If the Menu button is pressed, the device will display Locked Seal (*LoCd SEAL*). The device will still allow all front function key operations.

Combined with sealing the rear case to restrict access to the programming lockout jumper, the device meets the requirements for National Conference on Weights and Measures (NCWM) National Type Evaluation Program (NTEP) certification.

To access and enable the programming lockout jumper:

3.1 Remove all the wiring connectors at the rear of the device.

3.2 Unscrew the two screws that secure the back cover to the front of the device.

3.3 Slide the back cover away from the front of the housing about 1 inch. Do not remove the back cover from the device completely, as it may prove difficult to put back in place if removed.

3.4 Configure the JP1 jumper, located behind the input signal connector, for the desired programming lockout operation (lockout on or off) as shown.

4.0 Install the Security Seal Wire Loop

This seal secures the rear case portion of the device, preventing unauthorized access to the programming lockout jumper.

Combined with using the programming lockout jumper to restrict access to the programming, the device meets the requirements for National Conference on Weights and Measures (NCWM) National Type Evaluation Program (NTEP) certification.

To install the wire security seal:

4.1 Confirm that the security seal mounting bracket is mounted on the same side of the device with the rear case wire loop pass-through. This bracket can be identified by wire loop pass-through located next to the mounting screw. If this is not the case, re-mount the device and reverse the mounting bracket locations.

4.2 Pass the wire loop through the wire loop pass-through holes on the rear portion of the device housing.

4.3 Pass the wire loop through the wire loop pass-through holes on the security bracket. The pass-through is located next to the mounting screw.
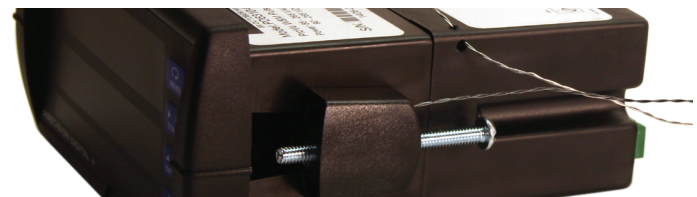
4.4 With the wire loop through the rear of the case and the mounting bracket, pass the loop back through the crimp seal end. Tighten the loop such that it will prevent the rear of the case from being removed while the loop is in place.

4.5 The wire loop may now be tagged, crimped, and sealed to mechanically secure the rear case. This will secure the programming lockout jumper.

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