

Pressure Switch for Pneumatic Light Masts Instruction Manual

Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. CRITICAL SAFETY INSTRUCTIONS:

- INSTALLATION SHOULD ONLY BE CONDUCTED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) AND ALL APPLICABLE FEDERAL, STATE AND LOCAL ELECTRIC CODES AND SAFETY STANDARDS.
- ENSURE THAT VOLTAGE DOES NOT EXCEED MAXIMUM VOLTAGE RATING OF UNIT.
- TO PREVENT RISK OF ELECTRICAL SHOCK DEACTIVATE/DISCONNECT POWER SUPPLY BEFORE INSTALLING.

INSTALLATION

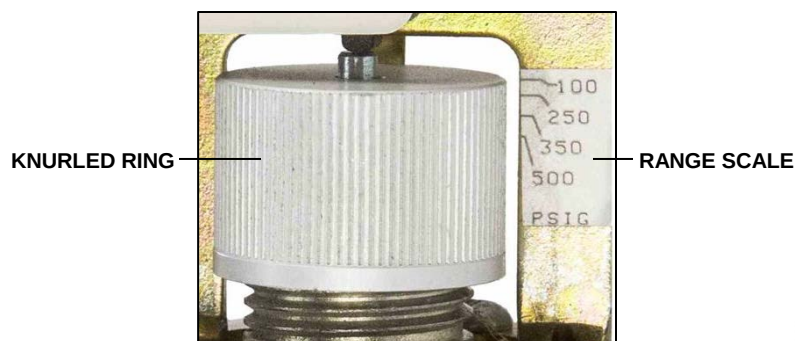
The PLM-PS is easily adjusted throughout the prescribed pressure range by aligning the top of the knurled adjusting nut with the desired pressure setting indicated on the adjacent range scale.

Turning the adjusting nut counterclockwise will lower the set point, turning it clockwise will increase the set point.

Entire adjustable range may be covered by rotating approximately 250° each side of the mean.

The knurled locking ring requires very little effort to establish a reliable locked position. By placing a wrench on the fitting hex to hold switch body in position, grip the knurled locking ring with pliers and turn counterclockwise to loosen or clockwise to tighten. Only a slight snug is required to lock in position.

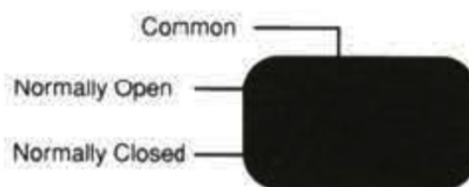
Rotate knurled ring, set pointer to desired pressure as indicated on range scale.



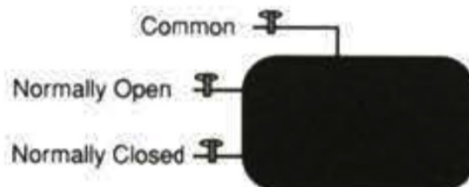
Set Point Pressure Range (psig): 3 to 40
Set Point Options: SPDT Customer Set
Max Amperage and Voltage: 15A 250V AC
Electrical Interface: 1/4" Terminal Blades
Maximum System Pressure (psig): 600
Materials: Zinc alloy, chromate finish
Standard Fitting Size: 1/4" NPT
Weight: 10oz

WIRING

Type TB [Terminal Blades]



Type TS [Terminal Screws]



THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.