



Neo-Dyn

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INSTALLATION AND OPERATING INSTRUCTIONS  
SERIES 115P PRESSURE SWITCHES  
ENCLOSURE 6 (NEMA TYPE 3, 3R, 3S, 4, 4X, 7, 9, 13 AND IP66)

SUITABLE FOR USE IN FLAMMABLE/COMBUSTIBLE ATMOSPHERES

CLASS I: GROUPS A, B, C, AND D  
CLASS II: GROUPS E, F AND G  
AS DEFINED BY THE NATIONAL ELECTRICAL CODE

NOTICE

1. For industrial use only, not a consumer product.
2. This item should be installed, operated, and maintained by technical personnel knowledgeable in local and national electrical and mechanical codes.
3. Always use wrench flats provided.
4. Avoid excessive torque on any threaded connection.
5. The user must evaluate the appropriate useful life of these products for their application. An appropriate periodic system check and replacement plan should be made for sensitive or hazardous systems. Life can be affected by many factors including the amount of power applied, system pressure, surges in power or pressure, cycle frequency, temperature, and corrosiveness of the media.



**WARNING: Before proceeding, read and understand the following:**

1. Hazardous electrical power may cause severe personal injury or death.
  - A. Do not make electrical connections while electrical power is on.
  - B. Do not exceed voltage and current ratings.
  - C. Do not remove conduit connections or make wiring repairs while electrical power is on. Check for multiple circuits.
  - D. Provide adequate electrical grounding.
2. Excessive pressure may rupture the pressure switch; severe injury, death, or property damage may result. Do not subject this item to pressures in excess of nameplate listed proof pressure.
  - A. Mounting:
    1. Units may be port mounted in any position directly to pressure connection. See "Pressure Connection".
  - B. Pressure Connection (See Warning 2):
    1. Units are supplied with a ¼ -18 male NPT port suitable for connection to NPT taper threaded pipe.
      - a. Pipe joint sealing compound is preferred over Teflon tape. However, either method of sealing is acceptable with proper care to avoid introducing sealing material into pressure switch or plumbing.
  - C. Electrical Connections (See Warning 1):
    1. Units are supplied with 18 AWG free leads exiting from a ½ -14 NPT male conduit connection. The leads are color coded and marked for proper electrical circuitry.
      - a. Splices to main wiring should be accomplished in accordance with "National Electrical Code" (NEC) and local code instructions.
      - b. Grounding: Proper grounding must be accomplished by use of green ground wire or by connection to grounded metal conduit.
      - c. Conduit Connections: Install conduit. If surface mounting is used, it is recommended that flexible conduit be used for the final connection.
      - d. Flammable/Combustible Locations: Since the unit is "factory sealed", a sealing fitting is not required.