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Neo-Dyn

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

DO NOT USE IN FLAMMABLE/COMBUSTIBLE ATMOSPHERES

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. When surface mounting is used, insure surface is flat.



WARNING: Before proceeding, read and understand the following:

1. **Turn off electrical power.**
 - a. **Do not make electrical connections while electrical power is on.**
 - b. **Do not remove conduit connections or make wiring repairs while electrical power is on.**
 - c. **Check for multiple circuits.**
 - d. **Provide adequate electrical grounding.**
 2. **Operation of this temperature switch may generate a spark which may result in an explosion causing severe injury, death, or property damage. Do not use this item in a flammable or combustible atmosphere.**
 3. **Excessive pressure may rupture the temperature switch; severe injury, death, or property damage may result. Do not subject this item to pressures in excess of the nameplate-listed maximum operating pressure.**
- A. Mounting:
1. Units may be mounted in any position.
 - a. Port mount directly to pressure connection. See (Pressure Connection).
- B. Pressure Connection (See Warning 3):
1. Standard units are supplied with male (1/4 NPT) ports suitable for connection to NPT pipe nipples or 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 and 2):
1. Units are supplied with 18 AWG free leads exiting from a 1/2-14 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 connection to grounded metal conduit.
 - c. Conduit Connections: Install conduit.