



ETHERNET CONTROL PRESSURE MODULE**Features**

- Intelligent solenoid valves
- Ethernet TCP/IP protocol "Network Ready"
- Control pressures for DSA3000/3200 Series modules
- Embedded web server



*ENETCPM
Control Pressure Module*

General Description

The Model ENETCPM Ethernet Control Pressure Module is a compact module containing 3 each solenoid valves. It is designed to supply control pressures on demand to the DSA3000/3200 series modules. It also can supply pneumatic pressures or relay logic for other customer applications that are non-DSA related. Communication to the ENETCPM is Ethernet TCP/IP 10baseT using TELNET, ASCII commands or the embedded web server. Any web browser that supports frames such as Internet Explorer® or Netscape® can communicate with the ENETCPM module. Web pages include all configuration variables and instruction manual. Each solenoid valve can be operated independently or as part of a group. The internal solenoid valves are pilot operated leak tight valves powered by 24Vdc. They are field replaceable with minimum downtime.

Applications

The model ENETCPM is designed to supply 90 - 125 psi control pressures to Scanivalve's DSA series pressure modules. These modules include DSA3017, DSA3018, DSA3217, DSA3218, and DSA3019. The DSA series products default to the operate (sense) mode without any control pressure. Ninety psi control pressure (125 psi when measuring pressures over 500 psi) is required to place the DSA pneumatic calibration valve in either the calibrate, purge or isolate mode. The ENETCPM communicates on the same network as the DSA pressure modules and uses the same power supply. This eliminates the need for user supplied solenoid valves with analog operation.

There are a total of 8 digital circuits. Three are used for the internal solenoid valves, and 5 additional are available for the user. The additional circuits can be used for lights, switches, valves, etc.

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Specifications

Air Supply: 90 psi to 125 psi

I/O Pneumatic Fittings: 1/4 inch Swagelok fittings

Communication: Ethernet 10baseT

Protocol: TCP/IP

Power: 24Vdc nominal (22 - 26Vdc)
12 VA with no external relays powered
30 VA all external relays powered

Mating Connectors:

10baseT: Bendix PTO6A-8-4S-SR
Power: Bendix PTO6A-8-3S-SR,
3 pin female
I/O config: Bendix JTO6RE-8-6S-SR,
6 pin female
Digital out: Bendix PTO6A-12-10P-SR

Weight: 6 lbs. 4 ozs. (2.835 kgm)

Operating Temperature: -30°C to 55°C

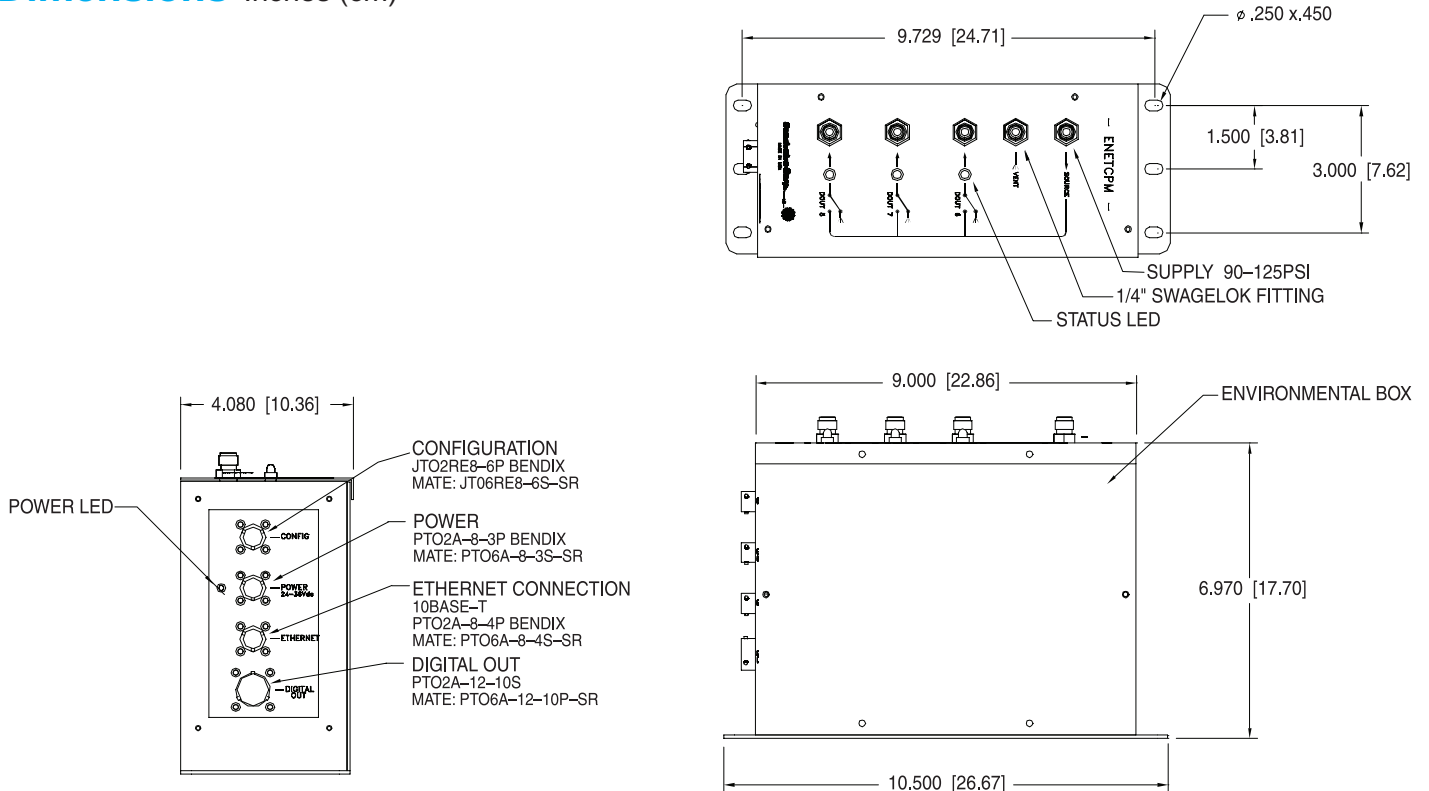
External Relay* Current limit per relay: 150ma @ 24Vdc at 60°C

*Note: Snubbing diode protection recommended for external relays on inductive loads.

Ordering Information

Model ENETCPM

Dimensions Inches (cm)



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