

M200 Duplex Fuel Pump

Pressure Read Functions

Earthsafe M200 Duplex Fuel Pumps integrate fuel pressure transmitters for a variety of applications. Industrial grade pressure transmitters elements are installed into pump and filter assembly piping systems to provide inputs to the OmniPlex or CentraPlex controller.

The primary benefit of the digital reading is that it may be communicated to the Building Management System (BMS) for trending and troubleshooting.

Suction pump systems may be monitored for low vacuum pressure indicating loss of prime. Pump discharge piping may be monitored for high pressure indication a closed valve.

Metering functions using positive displacement pumps use the pressure input to improve the accuracy of the rate and total volumes.

Variable Frequency Pump Drives utilize the pressure transducer input to adjust the pump operating characteristics.

Standard Duplex or Triplex pump assemblies use the pressure inputs to activate secondary pumps based on pressure maintenance requirements.



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