

C900 CentraPlex Controller

Pump Hour Meter Functions

The Earthsafe CentraPlex Controller is used with duplex pump systems and also pump / filter systems. The built-in intelligence of the PLC allows the pump run hour meter (and minute) function without additional hardware. The run time values can be communicated over the data network to the BMS system, for maintenance monitoring.

The primary function of the hour meter is for predictive maintenance on continuous duty pumps used in boiler applications and filtration for large tanks. Fuel Pumps for emergency generator systems operate relatively short durations, and the predictive maintenance value is less important.

A secondary function of the pump run time is for auto switching between duplex pumps based on hours of operation, rather than on the standard method of consecutive starts.



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