

Dynamic Event Monitor

DESCRIPTION

The purpose of the **Dynamic Event Monitor** is to detect when a diaphragm pump is operating and stroking but no liquid is flowing. This is done by checking the time between signals from the sensor and to activating an external alarm in case of a system malfunction. A pressure sensor is used to monitor pump activities and presence of fluid.

The monitor consists of a hermetically sealed plastic enclosure containing the circuit board, and two indicator LED's: the Green power LED and the Red alarm LED. The Red LED turns ON when the external alarm is activated when the time between signals from the sensor is longer than the time preset by the internal DIP switches. The external alarm can be turned off by the RESET button inside but the Red LED will remain ON. The Monitor is reset by signals from sensor.

Short flashes of the Red LED indicate sensor signals during normal condition.

The ***pressure sensor contact** is connected by two wires to terminals on the circuit board.

The monitor requires an external 24Vac power supply. This low voltage makes it safe and imposes no hazard to personnel during installation even in wet areas.

SPECIFICATION

- Power 24 VAC
- Sensor signal - dry contact
- Load driving capability - 5A / 250 VAC
- Hermetically sealed enclosure
- Weight approx. 0.3kg (0.6 lb.)
- Dimensions: approx. 10 x 10 x 6.5 cm
(4"x 4" x 2.5")

* May be obtained locally