

Plant Utility Integrity Monitor

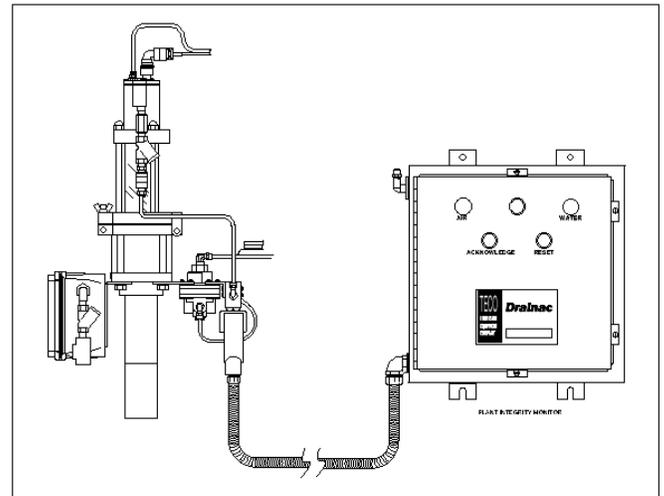
Protect your valuable Drainac® instrument from damage due to unintentional loss of plant power or air supply utilities

Summary

TECO has made a commitment to continually advance the technology in our Stock Prep line of products. Our latest addition is the Plant Utility Integrity Monitor (PIM) accessory for Drainac Automatic Online Freeness Analyzer systems.

The PIM is designed to monitor both stockline and plant air supply pressures. Should plant air supply pressures consistently fall below minimum required levels for proper Drainac operation, the PIM will act to isolate the Drainac from potentially damaging and costly stockline back-flow events.

The PIM will simultaneously alarm both locally (visual and audible alarms) and remotely to notify operators that an utility integrity event has occurred.



Instrument Features

Designed for F1000 series Stockline and F3000 series Low Pressure Drainac Automatic Online Freeness Analyzer systems.

Designed to be retrofitted to existing Drainac systems currently deployed in the field

Designed to fail in isolate mode if a loss of plant electricity occurs.

Local visual and audible (80dB) alarms

Remote Alarm Contact Closure Output

Designed for both 110 and 220 VAC systems

Adjustable pressure levels

Stainless Steel NEMA 4X Enclosure

Specifications

Electrical	100-240 VAC (50/60 Hz) 2.1-1.5 A
Instrument Air	-40° C dew point @10 psi greater than maximum expected stockline pressure. 100 PSI maximum
Enclosure	Stainless Steel NEMA 4X 16"x16"x8"
Adjustable Differential Trigger Pressure	3-40 PSID, nominally set to 10 PSID
Pressure Working Range	3-150 PSI
Proof Pressure:	150 PSI