

## E-Pilot DATASHEET

A.C.T. Part # (varies with the customization options)

### DESCRIPTION

The E-Pilot is a cost effective and reliable microprocessor controlled monitoring solution for abnormal operating conditions. The E-Pilot can be configured to monitor pressure, temperature, or levels. It automatically reacts to a detected condition by pulsing an internal solenoid valve which can be piped to an actuator on a well or pipeline to open or close a valve as required. It can operate in one of two modes: normal block and bleed shutdown mode with a manual reset, or in Auto Restore mode where the E-Pilot will pulse the internal solenoid valve open and closed between two set points. The E-Pilot also includes dry contacts for two additional supervised field inputs for extensible monitoring. The entire system is powered by an internal 14.4V lithium battery back that will provide sustained long term use due to the system's low power consumption.



### FEATURES

- **Cost effective** solution that will protect equipment and prevent loss of revenue
- **Multi-modal operating** choices provide the flexibility to operate and meet your critical needs
- **Magnalatch solenoid valve** provides a low power consumption solution that ensures long battery life
- **Intrinsically safe** current & voltage levels
- **Manual operation** is minimal and only required in certain situations
- **Low battery** is visually indicated by an external LED to give you the advance notice needed to ensure maintained operation
- **Manufacturer Warranty** is provided to ensure that the original device will operate without manufacturer defect for 1 year from the purchase date

### WHAT'S INCLUDED

- E-Pilot Unit
- 14.4V Lithium Battery Pack (Internal)

\* The part number of this product varies with the customization options selected

## STANDARD CONFIGURATIONS

| Alert Control Technologies Standard Gauge Part Number | Range (Pressure) | Alert Control Technologies Oil Filled Gauge Part Number | Range (Pressure) |
|---|------------------|---|------------------|
| ACT-AS033-004   | 0 - 100psi       | ACT-AS034-1KO   | 0 - 1,000psi     |
| ACT-AS033-000   | 0 - 200psi       | ACT-AS034-2KO   | 0 - 2,000psi     |
| ACT-AS033-003   | 0 - 300psi       | ACT-AS034-5KO   | 0 - 5,000psi     |
| ACT-AS033-001   | 0 - 600psi       | ACT-AS034-10KO  | 0 - 10,000psi    |
| ACT-AS033-002   | 0 - 1,000psi     | <b>ADDITIONAL PARTS</b>                                 |                  |
| ACT-AS034-000   | 0 - 1,500psi     | Part Description  | Part Number      |
| ACT-AS034-001   | 0 - 2,000psi     | Coalescing Air Filters (Finite)                         | PAR-MC001-000    |
| ACT-AS034-002   | 0 - 3,000psi     | Replacement Battery                                     | ACT-AS107-001    |
| ACT-AS034-007   | 0 - 5,000psi     |   |                  |
| ACT-AS034-003   | 0 - 10,000psi    |   |                  |

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