

SCHULTZ AUTOMATIC SHUTDOWN GAUGE Part No. SC-5150

SOLUTION OVERVIEW

The Schultz Automatic DP Gauge uses a sealed, solid state sensor that protects against corrosion and subsequent signal failures. Backed by an 18 Month Warranty there is no other device so accurate on the market.

The Schultz Automatic Shutdown System will automatically electronically detect high differential pressure. The high differential pressure alert setting can be easily adjusted in the field. The system is Intrinsically Safe (*IS), Explosion-Proof and is suitable for use in Class 1, Div 1, hazardous locations as defined in articles 500 and 504 of the national Electrical Code.

In most applications, installation does not require expensive explosion proof conduit and control enclosures. This unit can be incorporated into a variety of control systems, such as alarm circuits, pump and motor controls, valve actuation systems or a computer interface.

ADVANTAGES

- Compact Design
- Intrinsically safe - solid state system
- Explosion proof for hazardous areas
- No switches, magnetic couplings or O-rings to fail
- Sensors controls installed up to 5000 ft. from Gauge
- Interface with a database
- Flash a warning light or sound an alarm
- Control a valve or stop a pump



SCHULTZ AUTOMATIC SHUTDOWN OPTIONS

- 0-15 psi indication/alert
- 0-30 psi indication/alert
- Gauge available in Stainless Steel or Aluminum
- Input voltage: 120 VAC, 60 HZ, 220 VAC, 60 HZ, 12 VDC, 24 VDC
- Standard systems come with control barriers and 50' (40mm) of wire

ENCLOSURE OPTIONS:

- **Option A:** NEME- 4X weather-tight electrical enclosure with reset and system status light for safe area installations.
- **Option B:** Explosion proof control enclosure with reset and system status light for non-hazards area installations.
- **Option C:** Dual channel barrier used with deadman system. Typically used on fueling cabinets, re-fuelers and hydrant carts. (Gauge and Deadman uses a common barrier.