FLOW TRIGGER™

CALIBRATED FLOW SWITCH AND ALARMING DEVICE

The Flow-Trigger™ is an industrial flow switch designed and calibrated to confirm minimum or maximum flow rate within a pipeline. The Flow-Trigger™ combines a fully calibrated flow orifice and an explosion proof differential pressure switch to reliably monitor gas flow within the most demanding hazardous industrial environments. The Flow-Trigger™ is designed to be suitable for use with most industrial gases including hydrocarbons and corrosives like ammonia.

Every Flow-Trigger™ comes complete with an orifice calibration curve and is preset to trigger at the desired setpoint based on the provided inlet gas specifications. The switch is field adjustable (+/- 40% of initial flow setpoint) after installation so that it can be fine tuned to meet specific application requirements.

The Flow-Trigger™ is designed to be easily installed directly into a gas pipeline and comes complete with the required inlet and outlet pipe to maintain calibration accuracy.

Please specify gas type and inlet conditions and relay switching supply voltage 110VAC or 24VDC as required.

SPECIFICATIONS

Power	24 VDC (110/220 VAC Opt.)
Switch Flow Setpoint	Specify when Ordering
Max Operating Temp.	140°F
Surge Pressure	10 PSIG
Max Inlet Pressure	45” WCG STD Model 35 PSIG HP Model
Flow Switch Accuracy	4%
Repeatability	2%
Flow Output Signal	SPDT Relay
Contact Rating	10A 110VAC, 220

Gas Types

Acetylene, Air, Ammonia (HP Model Only), Argon, Butane, Carbon Dioxide, City Gas, Dissociated Ammonia, Endothermic, Exothermic, Helium, Hydrogen, Low Dew, Methane, Natural Gas, Nitrogen, Oxygen, Propane, LPG, Propylene

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