Thermal Mass Air/Gas Flow Meter

ST100 Series thermal mass air/gas flow meter from Fluid Components International (FCI) has received ATEX and IECEx approvals, and its enclosure is ATEX and IECEx certified as flame-proof and protected from dust ignition. The ST100's ATEX and IECEx approvals are as follows: Ex d IIC T6/T1 Gb Ta = -40°C to +65°C; Ex tb IIIC T85°C/ T450°C Db Ta = -40°C to +65°C; IP67.

- Designed for rugged industrial processes and plants
- Solution for 4-20 mA analog, frequency/pulse, alarm relays or digital bus communications such as HART, Fieldbus, Profibus or Modbus
- Plug-in card replacement that can be changed out by plant technicians in the field for changes in plant's needs
- Stores up to five unique calibration groups to accommodate broad flow ranges, differing mixtures of the same gas and multiple gases, and obtains up to 1000:1 turndown
- Optional, patent-pending SpectraCal™ Gas Equivalency calibration method lets users select and switch between 10 common gases
- Standard is an on-board data logger with an easily accessible, removable 2-GB micro-SD memory card capable of storing 21 million readings
- Offers three different types of flow sensors to best match user applications including FPC-style, FP-style and S-style
- Two core model families: ST and STP
- Both families include single-point and dual-element models as configurations outfitted with FCI's exclusive in-situ calibration option, VeriCal

www.fluidcomponents.com [1]

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[1] http://www.fluidcomponents.com/