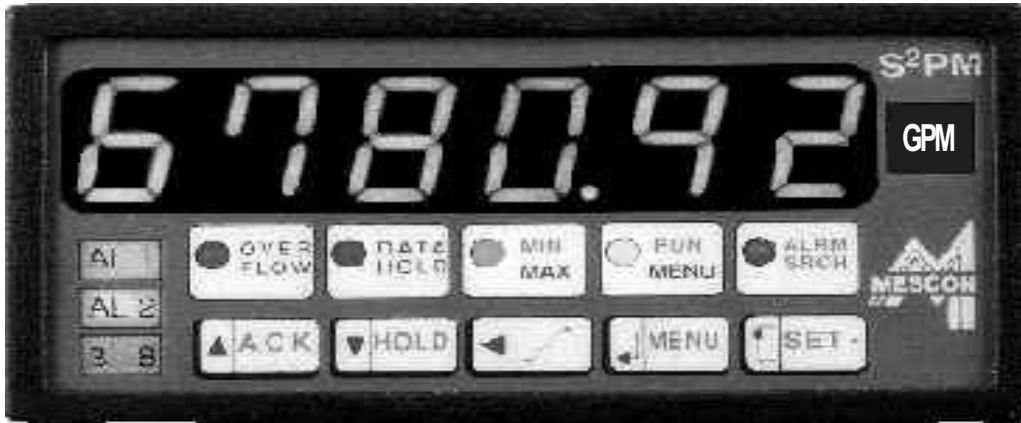


Series S²PM-2020

Smart, Frequency/Pulse Input Monitor Totalizing, Batch Control



TYPICAL APPLICATIONS:

- Frequency/Pulse measurement.
- Flow monitoring.
- Rotation measurement.
- Totalizing.
- Batch control.

STANDARD FEATURES:

- Scaleable (6-digit) Display, Input & Output
- 8 Multi-color LED's provide comprehensive display of instrument's status and alarm
- Fully programmable 2 alarm set-points with SPDT relay output
- Peak, valley, data-hold, square-root, and totalizing functions
- Multi-point custom linearization
- 28VDC transducer excitation
- Power failure memory protection

OPTIONS:

- Up to a total of 8 alarm set-points with individual relay outputs and individual parameter settings.
- Isolated, scaleable analog output in current or voltage mode.
- Point-to-point or multi-drop isolated communication (RS232 or RS485).
- Color changing display for alarm visualization and visual remote status indication.

NO WIRES, NO JUMPERS, NO SCREWDRIVERS

The S²PM-2020 is a smart, feature-full, frequency/pulse input indicator. The unit is designed for purpose of rate/total count measurement, integration and control of frequency/pulse signals from a wide variety of sensors. The S²PM-2020 provides excitation and accepts inputs from many types of proximity sensors Hall-effect devices and magnetic pick-offs. Applications include, Flow-Metering, RPM and precision Line-Frequency measurement and discrete Batch Control.

The S²PM-2020 configuration is 100% keypad driven. No mechanical adjustments are necessary. Input, display scaling, decimal point, peak/valley readings, individual set of control parameters for each relay output (Hi/Lo, On/Off delay function, Latching / Non-latching, Hysteresis, etc.), are all embedded into the firmware and allow for maximum flexibility and user friendliness.

The S²PM-2020 is a member of Mescon's Series S²PM-2000 of smart, advanced, high-precision, high resolution line of industrial digital process indicators.

Custom versions are available for special purpose and OEM applications.



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