

Badger® Model 310	Programmable Analog Transmitter	Sample Specifications
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The analog flow transmitter shall be a loop powered device capable of transmitting a linear 4 - 20 mA signal proportional to frequency. The unit shall be microprocessor controlled with no switches or potentiometers to set. The transmitter shall meet ISA Class L, H and U non-isolated requirements. All circuitry shall be encapsulated in a 3.65" by 1.50" low profile epoxy body to meet MIL spec M.1-146058C type AR, for humidity, moisture and fungus resistance. Operating range shall be 32° F to 158°F. All programming, including flow sensor selection, pipe size, flow range setting, response time and filtering shall be set digitally via a computer using Windows® based software with a programming kit (disk and cable). The transmitter shall be easily programmed in the field using a lap top computer. The transmitter shall have a ground lug to maximize EMI protection when necessary. The transmitter may be mounted directly on any Badger 200 Series insertion flow sensor or up to 500 feet remotely from the sensor, on a DIN Rail, as a panel mount or in a weather proof or NEMA 4X enclosure.

The analog transmitter shall be Badger Model 310.

DSS-007-01

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