

FLO-GAGE™ 2-WIRE FLOW TRANSMITTER

Northeast Controls Incorporated
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Economical single package solution includes sensor and transmitter - suitable for liquids AND gases.

- Differential Pressure measuring principle avoids problems associated with sticking floats and plugging passages.
- Solid state strain gauge senses differential pressure directly.
- Low maintenance design with **no moving parts**
- Designed for use with computer control systems or remote readouts.
- Signal is proportional to flow rate squared (r^2). (Square root extraction is required in the receiving device.)
- Intrinsic safety option for Class I Div I, Groups A,B,C,D; Class II Div I, Groups E,F,G; EExia IIc T4 (CSA and Cenelec approvals pending).

Specifications

- See F-198 for general specifications
- Accuracy $\pm 3\%$ F.S. above 15% F.S.
- Ambient Temperature Limit 120 °F, 50 °C
- Current output 4-20 mA into 650 ohms max.
- Requires 24 vDC power supply (25 mA)
- Aluminum NEMA-4X / IP-66 enclosure



Ordering Information

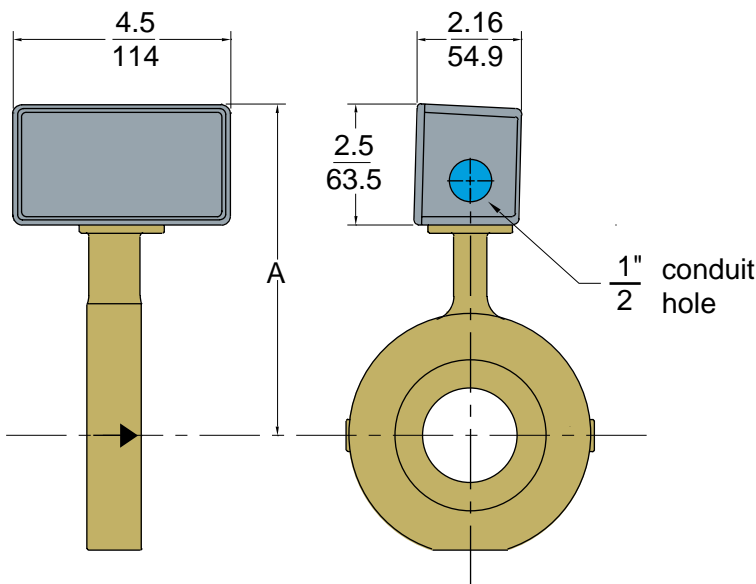
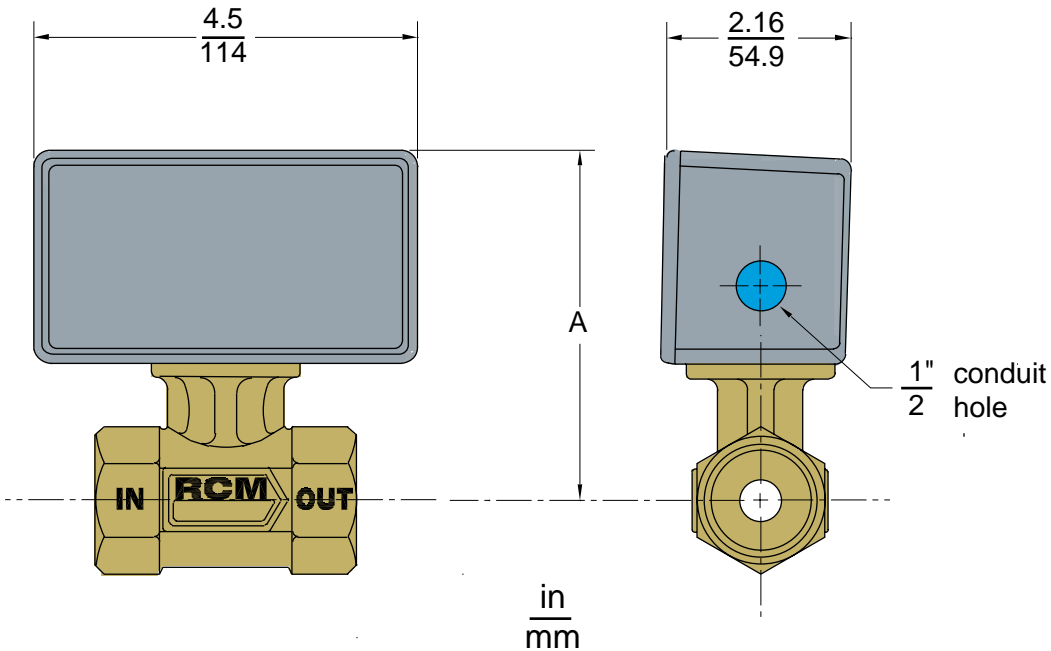
- See F-198 for flow ranges and other ordering information.
- Select option W3.
- Append EM to model number for CE Mark labeling
- Append IS to model number for Intrinsic Safety labeling

RCM Industries, Inc.

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Dimensions Flo-Gage™ Option W3 Flow Transmitter



| Pipe Size | | Dimension A | | | |
|-----------|-----|-------------|-----|-------|-----|
| | | Threaded | | Wafer | |
| in | mm | in | mm | in | mm |
| 0.25 | 08 | 3.20 | 81 | n/a | n/a |
| 0.50 | 15 | 3.20 | 81 | 4.62 | 117 |
| 0.75 | 20 | 3.95 | 100 | 5.06 | 129 |
| 1.0 | 25 | 4.07 | 103 | 5.25 | 133 |
| 1.5 | 40 | 4.39 | 112 | 5.81 | 148 |
| 2.0 | 50 | 4.80 | 122 | 6.00 | 152 |
| 2.5 | 65 | n/a | n/a | 6.54 | 166 |
| 3.0 | 80 | 5.48 | 139 | 6.87 | 175 |
| 4.0 | 100 | n/a | n/a | 7.95 | 202 |
| 5.0 | 125 | n/a | n/a | 8.36 | 212 |
| 6.0 | 150 | n/a | n/a | 9.05 | 230 |
| 8.0 | 200 | n/a | n/a | 10.30 | 262 |

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