MAGNETIC INDUCTIVE FLOW SENSORS
No Moving Parts, Frequency and 4-20 mA Output, Maintenance-Free

The Series MFS & MFS2 Magnetic Inductive Flow Sensors are compact, 316 SS body, in line flowmeters with pulse and optional analog 4-20 mA output. It is available in a variety of flow ranges from 0.25 to 52.8 GPM (1 to 200 LPM) and process connection sizes of 1/2" and 1" NPT.

FEATURES/BENEFITS
- Long life cycle with no moving parts to wear or break
- Can be applied in applications dealing with contaminated media with no mechanical component in the flow
- Obstruction free pipe cross-section yields low pressure drop
- Unaffected by change in temperature, density, viscosity or concentration

APPLICATIONS
- Contaminated liquid flow monitoring
- Flow of conductive liquids
- Water & wastewater treatment
- Industrial systems
- Irrigation applications

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Range GPM (LPM)</th>
<th>Minimum Output Signal GPM (LPM)</th>
<th>Process Connection</th>
<th>Output</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFS-11</td>
<td>0.25 to 5.3 (1 to 20)</td>
<td>0.13 (0.5)</td>
<td>1/2&quot; NPT</td>
<td>Frequency</td>
<td>$1092.00</td>
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<tr>
<td>MFS-21</td>
<td>0.5 to 10.5 (2 to 40)</td>
<td>0.25 (1)</td>
<td>1/2&quot; NPT</td>
<td>Frequency</td>
<td>$1092.00</td>
</tr>
<tr>
<td>MFS-31</td>
<td>2.5 to 52.8 (10 to 200)</td>
<td>1.3 (5)</td>
<td>1&quot; NPT</td>
<td>Frequency &amp; analog</td>
<td>$1529.00</td>
</tr>
<tr>
<td>MFS-12</td>
<td>0.25 to 5.3 (1 to 20)</td>
<td>0.13 (0.5)</td>
<td>1/2&quot; NPT</td>
<td>Frequency</td>
<td>$780.00</td>
</tr>
</tbody>
</table>

SPECIFICATIONS
- Service: Compatible, non-coating, conductive liquids.
- Range: See model chart.
- Accuracy: MFS: ±2% of reading; MFS2: ±1% or reading.
- Repeatability: 1%.
- Temperature Limits: MFS: Process: 32 to 194°F (0 to 90°C); Ambient: 41 to 158°F (5 to 70°C); MFS2: Process: 14 to 140°F (-10 to 60°C); Ambient: 41 to 140°F (5 to 60°C).
- Pressure Limits: MFS: 232 psi (16 bar); MFS2: 145 psi (10 bar) @ 68°F (20°C); 116 psi (8 bar) @ 104°F (40°C); 87 psi (6 bar) @ 140°F (60°C).
- Response Time: MFS: < 500 ms; MFS2: < 100 ms.

ACCESSORIES
- MFS-X 4 pin cable: $73.00

(Items are subject to Schedule B discounts.)

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