

MIM



COMPACT ALL-METAL MAGMETER



 **IO-Link**

- Flow and Temperature Measurement
- For Monitoring, Transmitting, Batching
- Bi-directional Measurement
- Rugged Stainless Steel Construction
- 2 Configurable Outputs

MIM Example Application Areas



*Water/
Wastewater*



*Glass
Production*



*Chemical
Injection*



*Beer/Wine
Making*



Automotive



*Cement
Mixing*



*Metal
Rolling*



Pharma



*Flue Gas
Scrubbing*



*Food
Production*

Other Examples:

Cooling Water, Pulp and Paper Production, Energy Generation, Mining, and Agriculture



For full bore applications, KOBOLD also offers the **MIS** model. It offers all the features of the **MIM** in the same intuitive and easy to use electronic module, with the exception of the integral temperature sensor.

- Flow and Temperature Measurement
- For Conductive Liquids
- For Monitoring, Transmitting, Batching
- Bi-directional Measurement
- Rugged Stainless Steel Construction
- Intuitive Setup via Optical Touch Keys
- Display can be Used with Gloves
- Configurable, Multi-parameter TFT Display that Rotates in 90° Increments
- Can Be Mounted in Any Position
- Grand and Resettable Totalizer
- 2 Configurable Outputs:
0-10 V_{DC} Analog, 4-20 mA Analog,
NPN/PNP/PP Switch, Pulse Output PP,
or Frequency Output PP
- Compact Design:
2.83“ Wide x 2.68“ High x 2.68“ Deep





 **IO-Link**



Flow Ranges: 0.16...16 GPH to 0.4...90 GPM

Temperature Measurement: PT 1000

P_{\max} : 230 PSI; T_{range} : -40°F...284 °F

Min Media Conductivity: $\geq 20 \mu\text{S/cm}$

Variety of Fitting Types, Sizes, and Materials

Accuracy: $< \pm (0.8\% \text{ of Reading} + 0.5\% \text{ of FS})$

Repeatability: $\pm 0.2\% \text{ of FS}$

Fitting/Housing/Electrodes Material: 316L SS

Seal Material: FKM or EPDM

Protection: IP67

When Quality Counts, Count on KOBOLD

KOBOLD Instruments Inc: For more than 40 years, KOBOLD has been a world leader in process measurement and control solutions. We offer one of the industry's broadest lines of sensors, switches, and transmitters to measure and control flow, pressure, level, and temperature. The **KOBOLD** brand is synonymous with quality, craftsmanship, technological advancement, and cost effectiveness. Our engineers and customer service representatives are ready to help you find the ideal **KOBOLD** solution for your most demanding applications.

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