Compressed air systems. With an easily programmable digital display, this unit offers a specific advantage in its ability to evaluate the current flow rate and the current consumed quantity in quick, accurate readout. The Series CAM is constructed of high-grade materials and is designed to operate by the calorimetric measuring principle to detect the standard volume flow of operating compressed air. It is designed to meet the needs of industry for accurate measurement of mass flow rate, i.e. mass flow of air. This unit can be used in the following applications:

- Food processing and rotary drums.
- Pneumatic systems, gravity feed systems, slurry systems, chemical processing, and many other systems where mass flow rate of air is required.

**Specifications**

- **Model CAM**: 2 1/2, 2 1/2 NPT, 0.2 - 44.1 SCFM.
- **Model CAM-20**: 1/2 NPT, 0.2 - 44.1 SCFM.
- **Model CAM-10**: 2 NPT, 1.4 - 412.0 SCFM.
- **Model CAM-40**: 4 NPT, 5.4 - 4044.0 SCFM.

**Price**

- **Model CAM-20**: $233.00
- **Model CAM-10**: $560.00
- **Model CAM-40**: $1405.00

**Weight**

- **Model CAM-20**: 3 lb (1.36 kg)
- **Model CAM-10**: 3 lb (1.36 kg)
- **Model CAM-40**: 4.16 lb

**Display**

- **BfM**
- **Bfs**

**BfM Specifications**

- **Model BfM-3**: NEMA 4X (IP66), Polycarbonate Housing, 12VDC, 800/872-9141
- **Model BfM-2**: NEMA 4X (IP66), Polycarbonate Housing, 120VAC, 800/872-9141
- **Model BfM-1**: NEMA 4X (IP66), Polycarbonate Housing, 120VAC, 800/872-9141

**Bfs Specifications**

- **Model Bfs-1**: NEMA 4X (IP66), Polycarbonate Housing, 120VAC, 800/872-9141

**Agency Approvals**

- **CE**
- **UL**
- **CSA**

**Dimensions**

- **BfM**: 110.00 x 110.00 x 50.00 mm
- **Bfs**: 150.00 x 150.00 x 50.00 mm

**Temperature Limits**

- **BfM**: 120°F (48.9°C)
- **Bfs**: 155°F (68.3°C)

**Response Time**

- **< 0.1 s.**

**Accuracy**

- **Class 1.4.1**: ±3% of measured value +0.3% of full-scale value
- **Class 2**: ±3% of measured value +0.3% of full-scale value

**Wetted Materials**

- **Series BfM**: SS (304S15), ceramics, glass passivated, PEEK, polyester, Solids and liquids.
- **Series Bfs**: SS (304S15), ceramics, glass passivated, PEEK, polyester, Solids and liquids.

**Enclosure Rating**

- **BfM**: NEMA 4X (IP66)
- **Bfs**: NEMA 4X (IP66)

**Mounting Orientation**

- **BfM**: Vertical, horizontal, side with pipe length facing left.
- **Bfs**: Vertical, horizontal, side with pipe length facing left.

**Power Consumption**

- **BfM**: 5 oz (141.8 g)
- **Bfs**: 5 oz (141.8 g)

**Humidity Limit**

- **90% RH**

**Pressure Limit**

- **232 psig (16 bar)**

**Dew Point**

- **≤ 95°F (-20°C)**

**Response Time**

- **< 0.1 s.**

**Display**

- **LED Indicators**: Flow (green)/ no flow (red).