

Compact Flow Meter

For point of use applications



More Info

Key Features

- Inline flow meter
- Pipe Sizes: 1/2" (DN15), 3/4" (DN20), 1" (DN25) or 1.5" (DN40)
- For air and nitrogen gas
- Accuracy: $\pm 3\%$ full scale
- Colour crystal display
- Power Supply: 24 vDC
- Modbus RTU output
- Measure: instantaneous flow, cumulative flow

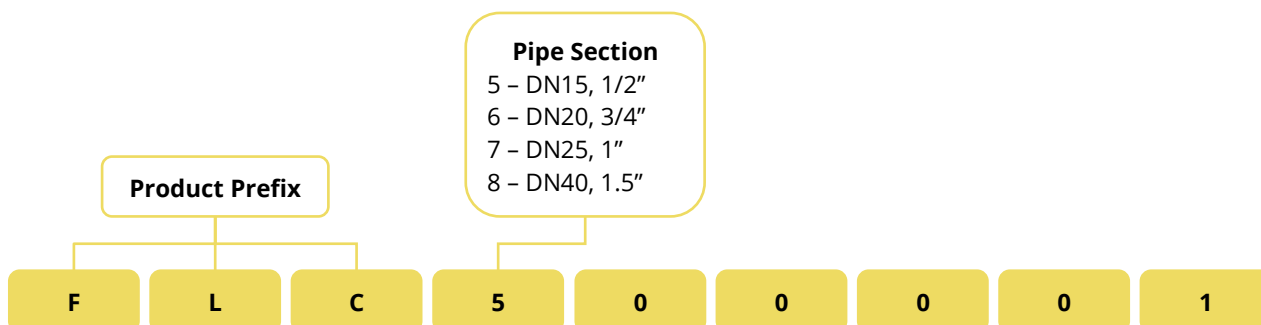


About

The mini flow meter is ideal for low gas flow, small pipe applications. The in-built display shows instantaneous flow and cumulative flow. The sensor is suitable for manufacturing and industrial use.

How to Order

Find a Distributor: www.caasensors/distributors



Specifications

| Measurement Range | |
|---|---|
| Flow Rate | 5-1000 L/min (1/2" connection) 10-2000 L/min (3/4" connection) 15-3000 L/min (1" connection) 20-6000 L/min (1.5" connection) |
| Gas Temperature | 0 to +50°C -32 to +122°F |
| Gas Pressure | 0 to 10 bar (145 psi) |
| Accuracy | |
| Flow Accuracy | ±3% full scale ±1 digit |
| Repeatability | ±1% FS. ±1 digit (±2% FS at 50ms)*2 |
| The accuracy and response time of the sensor can be affected by the on-site conditions, contaminants in the gas and incorrect installation. | |
| Working Environment | |
| Ambient Temperature | 0 to +50°C -32 to +122°F |
| Gas types | Air, Nitrogen (N2), Oxygen (O2), Carbon dioxide (CO2), Carbon monoxide (CO) |
| Gas Quality | Clean, dry, dust-free, oil-free gas |
| Power Supply | |
| Power Requirement | 24 vDC ±10% |
| Power Consumption | < 50mW |
| Connection | Lead connection |
| EMC | According to IEC 61000-6-2, IEC 61000-6-4 |

| Output | |
|--------------------|---|
| Digital Output | RS485 Modbus / RTU |
| Output Signals | Instantaneous (real time) flow Cumulative flow |
| Flow Units | L/min, CFM |
| Alarm Relay | No |
| Other | |
| Display | Colour crystal display |
| Process Connection | G thread, internal |
| Pipe Size | 1/2", 3/4", 1" or 1.5 " |
| Weight | < 0.5kg |
| Protection Level | IP40 |
| Installation | Permanent or Temporary |
| Warranty | 12 months |
| HS Code | 9026.80.80 |