

# Compact Flow Meter

For point of use applications  
FLC series



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

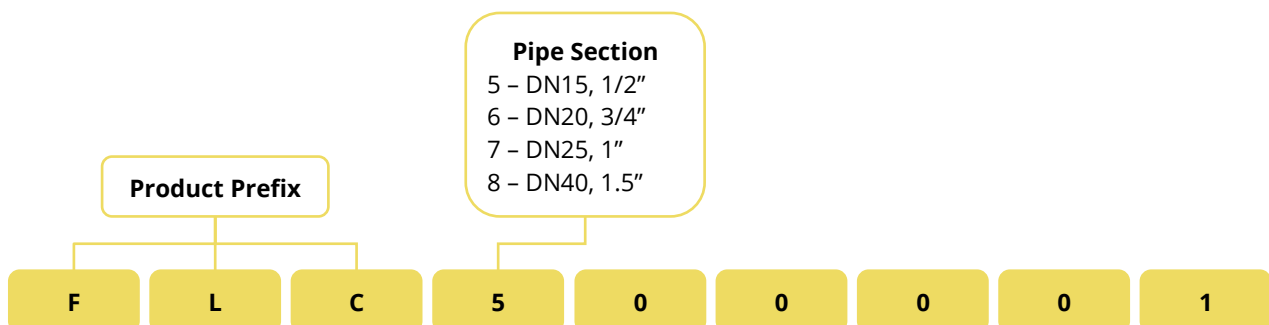


## About

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](http://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
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Gas Pressure	0 to 10 bar (145 psi)
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Accuracy	
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Flow Accuracy	±3% full scale ±1 digit
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Repeatability	±1% FS. ±1 digit (±2% FS at 50ms)*2
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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	
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Ambient Temperature	0 to +50°C -32 to +122°F
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Gas types	Air, Nitrogen (N2), Oxygen (O2), Carbon dioxide (CO2), Carbon monoxide (CO)
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Gas Quality	Clean, dry, dust-free, oil-free gas
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Power Supply	
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Power Requirement	24 vDC ±10%
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Power Consumption	< 50mW
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Connection	Lead connection
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EMC	According to IEC 61000-6-2, IEC 61000-6-4
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Output	
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Digital Output	RS485 Modbus / RTU
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Output Signals	Instantaneous (real time) flow Cumulative flow
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Flow Units	L/min, CFM
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Alarm Relay	No
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Other	
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Display	Colour crystal display
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Process Connection	G thread, internal
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Pipe Size	1/2", 3/4", 1" or 1.5 "
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Weight	< 0.5kg
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Protection Level	IP40
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Installation	Permanent or Temporary
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Warranty	12 months
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HS Code	9026.80.80
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