

G2/C100

**PVC inline Turbine meter
with local LCD display.**

ATEX certified EEx nL IIC T4 U

EN 50021 / BS EN 60529

EN 50081-1 / EN 50082-1

Intrinsically safe for Class I, II, III, Div 1,

Groups A B C D E F G



Above model shown G2C10I09LMA / A209LMC100la1

The G2 range of turbines were primarily designed to offer both reliability & maximum efficiency for a multitude of applications.

Available in a wide range of material options with sizes ranging from ¼” to 2”. This combined with various different outputs means that the principle of construction ensures this line of products continues to offer a cost effective solution to almost any metering application.

Specification:

| | |
|--|---|
| Series design | In line turbine flow meter with local/remote ATEX LCD display |
| Housing material | PVC |
| Fitting size | 1” NPT – Solvent weld available on request |
| Linear Flow range | 19 to 190 litre/min (1.14 to 11.4 m ³ /hr) |
| Extended Flow range | 19 to 284 litre/min (1.14 to 17.0 m ³ /hr) |
| Extended Fluid Velocity | 0.2 to 5.9 m/sec |
| 15 point Accuracy * | +/- 0.8% of reading |
| Linear Accuracy | +/- 1.5% of reading |
| Extended Accuracy | +/- 5.0% of reading |
| Repeatability | +/- 0.3% |
| * up to 15 point calibration can be set using the easy to navigate programmable display, optimum accuracy if using this function is +/- 0.8% | |
| Pressure rating | 10.2 bar (150 psi) |
| Operating temp | - 0°C to 60°C (remote display) - 0°C to 60°C (local display) |
| Typical K-factor | 150 pulses per litre |
| Frequency (linear) | 45 - 475 Hz |
| Maximum Pressure Drop (linear) | 6 PSI @ 190 litre/min |
| Recommended Strainer | 275 micron |
| Shipping Weight | 0.580 Kg |

Wetted parts:

| | |
|------------------|--|
| Body | PVC |
| Journal Bearings | Ceramic Al ² O ³ (98% Alumina) |
| Shaft | Ceramic Al ² O ³ (98% Alumina) |
| Rotor & Supports | PVDF (Kynar) |
| O-Rings | Viton |

Display:

All G2 local turbines are fitted with IP66 LCD display powered by a long life Lithium cell. The display indicates: batch total's 1 & 2, an accumulative totaliser & rate of flow. The functions of this unit can be toggled on & off. Additional features include password protection, 15 point field calibration, factory reset.

All units can be easily configured to read in either: litre/min, litre/hr, Kg/min, Kg/hr, M³/hr, Gallons/min, USG/min, etc... for more information please contact your local distributor.