

G2/P100

**PVDF 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 G2P10I09LMA / A209LMP100Ia1

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	PVDF
Fitting size	1” BSP(F) – NPT 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	PVDF
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.