G2/S200 - 2"BSP(F)

Stainless Steel 316 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 G2S20I09LMA / A209LMS200Ia2

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	Stainless Steel 316
Fitting size	2" BSP(F) - NPT available on request
Linear Flow range	76 to 760 litre/min (4.56 to 45.6 m^3/hr)
Extended Flow range	38 to 1136 litre/min (2.28 to 68.2 m^3/hr)
Extended Fluid Velocity	0.29 to 5.8 m/sec
15 point Accuracy *	+/- 0.5% of reading
Linear Accuracy	+/- 1.0% of reading
Extended Accuracy	+/- 5.0% of reading
Repeatability	+/- 0.1%

* up to 15 point calibration can be set using the easy to navigate programmable display, optimum accuracy if using this function is +/- 0.5%

Pressure rating	103 bar (1500 psi)
Operating temp	- 40°C to 121°C (remote display)
	- 10°C to 60°C (local display)
Typical K-factor	26.0 pulses per litre
Frequency (linear)	33 - 330 Hz
Maximum Pressure Drop (linear)	4 PSI @ 760 litre/min
Recommended Strainer	650 micron
Shipping Weight	3.150 Kg

Wetted parts:

Body	Stainless Steel 316
Journal Bearings	Ceramic Al^2O^3 (98% Alumina)
Shaft	Tungsten Carbide
Rotor & Supports	PVDF (Kynar)
Retaining Rings	Stainless Steel 316

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, M^3/hr, Gallons/min, USG/min, etc… for more information please contact your local distributor.

Omni
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Measurement > Control > Data Acquisition

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