

Data Sheet

# INFLUX IMT SERIES VA FLOWMETER



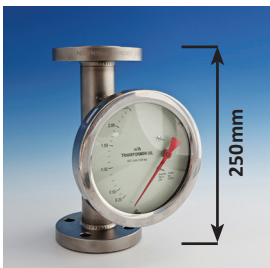
Supplied by

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# INFLUX IMT SERIES VA FLOWMETER

Size (MM)	Full Scale Flow Rates (at 20°C & 1013 mbar)				Max Pressure Drop (kPa)
	Water	Liquid Range Code	Air (with gas damping)	Gas Range Code	
DN 15 Flange or BSP	50 L/h	L08	1.5 m³/h	G08	1.5
	70 L/h	L11	2 m³/h	G11	1.5
	100 L/h	L14	3 m³/h	G14	1.5
	160 L/h	L16	4.8 m³/h	G16	1.5
	250 L/h	L19	7.5 m³/h	G19	3.0
	* 400 L/h	L23	* 12 m³/h	G23	3.0
	* 600 L/h	L26	* 18 m³/h	G26	3.5
DN 25 Flange or BSP	1 m³/h	L00	30 m³/h	G00	1.5
	1.6 m³	L02	48 m³/h	G02	3.0
	2.5 m³/h	L04	75 m³/h	G04	3.5
	4 m³/h	L07	120 m³/h	G07	8.0
	* 6 m³/h	L11	* 180 m³/h	G11	16.0
DN 50 Flange or BSP	6 m³/h	L00	180 m³/h	G00	3.0
	10 m³/h	L02	300 m³/h	G02	4.0
	16 m³/h	L05	480 m³/h	G05	8.0
	25 m³/h	L08	750 m³/h	G08	16.0
DN 80 Flange only	25 m³/h	L00	750 m³/h	G01	14.0
	50 m³/h	L04	1500 m³/h	G05	22.0



MT meters are installed in vertical lines with flow upwards and are normally supported by the pipework.



**Size**

15 = DN15 or ½"  
 25 = DN25 or 1"  
 50 = DN50 or 2"  
 80 = DN80 or 3"

**Connection Type**

P = PN16  
 A = ANSI 150  
 S = BSP screwed

**Output**

D = Direct reading  
 1A = Single alarm  
 2A = Double alarm  
 Tia = 4 to 20mA

**Liquid/Gas Code**

If the range you require is not listed above, a customised scale can be produced. Please supply: Nominal flow rate or preferred range, fluid properties (e.g. density & viscosity), units, working pressure and temperature.

\* Flange only

# INFLUX IMT SERIES VA FLOWMETER

Medium to high flows

High pressures

Direct reading

Alarm option

4 - 20 mA option

Gases and liquids

Flanged connections



Specification	
Gas Range	0.2-1500m <sup>3</sup> /h (air equiv)
Liquid Range	5 L/h – 50 m <sup>3</sup> /h (water equiv)
Scale Length	Up to 100 mm
Alarms*	Single or Dual NAMUR Type (ATEX II 2G)
Transmitter*	2-wire 4 to 20 mA (EEx ia IIC T6) (ATEX II 2GD T70°C)
Protection	IP65
Accuracy	±2% FSD
Repeatability	0.5% of Flow
Temperature	-30°C to 65°C Ambient -40°C to 200°C Fluid †
Pressure**	100 bar max. (or flange rating)
Flanged	DIN PN16 or ANSI 150
Screwed	BSP female (½" to 2")
Sizes	DN15-DN80 (½" to 3")
Materials	316 SS standard

\*Alarms and transmitters are optional

\*\*In accordance with the European Pressure Equipment Directive 97/23/EC, stated pressure rating is for Group 2 fluids (non dangerous).

†contact Influx for maximum fluid temperature for alarm and transmitter options.