DELTAFLUX ORIFICE FLOWMETER

High flows
Direct reading
Gases and liquids
Between flange connections
Compact construction
Vertical or horizontal mounting
By-pass isolation valves
Optional alarm

| Specification	
Gas Range	20 - 7000 m³/h (air equiv)
Liquid Range	2 - 1000 m³/h (water equiv)
Scale Length	100 mm
Accuracy	±2% FSD
Temperature	-15 to 90°C
Pressure*	20 bar max. (non shock)
Connections	Flange wafer, bolted between flanges (DIN or BS10 Table E or D)
Seals	Viton and polyurethane
Flow Tube	Borosilicate glass
Float	Liquids: Stainless steel Gases: Anodised aluminium (Dural)
Orifice Carrier	316 St.steel flow orifice mounted in a polyester coated carbon steel carrier
Other Materials	Copper and brass

*Pressure rating for water application. In accordance with the European Pressure Equipment Directive 97/23/EC, actual pressure rating is dependent upon fluid type and nominal pipe size.

Flow Ranges (@ 20°C, 1013 mbar)

Pipe Size (mm)	Water m³/h	Scale Code	Water m³/h	Scale Code	Air m³/h	Scale Code
DN 50	5 to 40	WA 86	4 to 20	WA 92	40 to 300	AI 86
DN 80	10 to 100	WA 87	10 to 50	WA 93	100 to 700	AI 87
DN 100	20 to 200	WA 88	20 to 100	WA 94	200 to 1500	AI 88
DN 150	50 to 400	WA 89	40 to 200	WA 95	500 to 3500	AI 89
DN 200	100 to 1000	WA 90	80 to 400	WA 96	1000 to 7000	AI 90
	400 mbar		100 mbar		40 mbar	

Unrecovered   pressure   loss   at   maximum   flow

FLOWSENSE infra-red flow alarms can be factory mounted or retro-fitted. Details on page 18
Other materials of construction are available, please enquire for details.
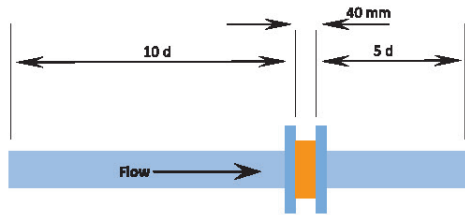
The achievable accuracy of the Deltaflux flowmeter is a function of installation. For best results, minimum straight lengths of pipe 10 diameter upstream and 5 diameter downstream are recommended.

DF 100   AI 88

Size
38 = DN 38
50 = DN50
80 = DN80
100 = DN100
150 = DN150
200 = DN200

Additional sizes are available on request.

Scale Code
Obtain scale code from the tables above

If the range you require is not listed, 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.