

Fig.408 Straight Through Sight Flow Indicator with Spinner

This double sided sight flow indicator incorporates a paddle wheel spinner.

The rate at which the spinner rotates provides a visual indication of flow and fluctuation in flow. The stainless steel spinner and mounting pin provide excellent corrosion resistance.

Features & Benefits

The Fig.408 is particularly versatile as its design enables installation in both horizontal and vertical positions. Operating over a wide flow range it extends the duties of the smaller Fig.400 for larger pipework and higher pressures and temperatures.

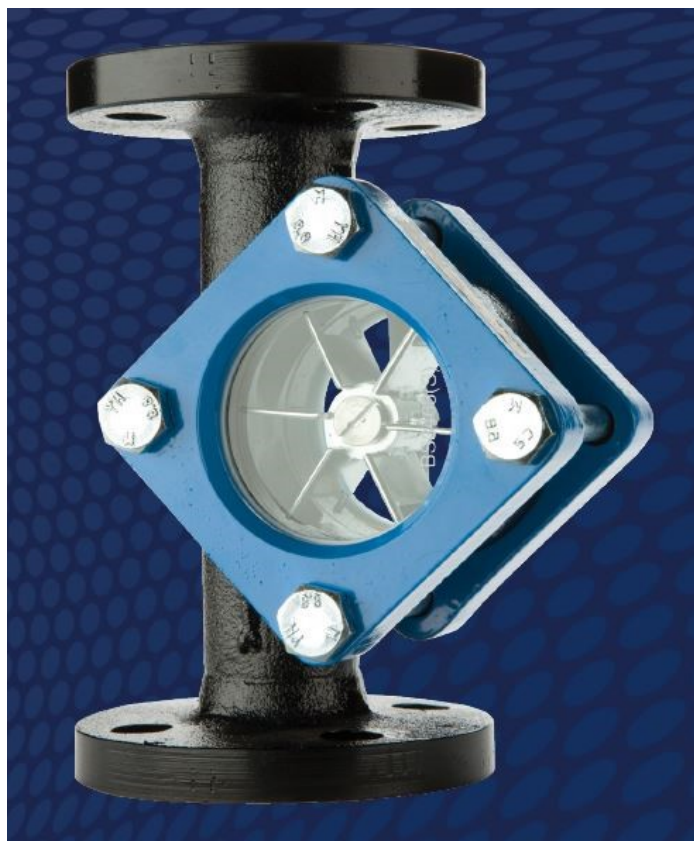
This unit is available with a variety of standard screwed or flanged end connections. Size options range from 8mm to 50mm for screwed end connections and from 25mm to 100mm for flanged end connections.

Other options include a choice of materials;

Body: Cast Iron, Gunmetal, Carbon Steel or Stainless Steel

Glass: Toughened Soda Lime or Toughened Borosilicate

Gaskets: Nickel Reinforced Graphite or PTFE



Max Working Pressures* (Bar)

Size (mm)	Cast Iron	Gun Metal	Carbon Steel	Stainless Steel
DN8	13.8	17.2	17.2	17.2
DN10	13.8	17.2	17.2	17.2
DN15	13.8	17.2	19.7	19.7
DN20	13.8	14.1	14.1	14.1
DN25	13.8	17.2	29.9	20.7
DN40	13.8	17.2	20.3	20.3
DN50	13.8	14.8	14.8	14.8
DN80	13.8	14.3	14.3	14.3

*At ambient temperature. Max pressure may be reduced by flange rating or by elevated temperatures



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Dimensions

SCREWED					FLANGED				
Nominal Bore Size	Length (mm)	Flowrate (l/Min, water) Minimum	Flowrate (l/Min, water) Maximum	Weight (kg)	Nominal Bore Size	Length (mm)	Flowrate (l/Min, water) Minimum	Flowrate (l/Min, water) Maximum	Weight (kg)
8	89	5.3	7.5	1.5	20	159	15.8	41.3	5.5
10	89	5.3	7.5	1.5	25	178	20.3	73.3	6.0
15	97	9.0	18.0	1.5	40	203	45	165	8.0
20	111	15.8	41.3	1.5	50	222	90	293	11.5
25	127	20.3	73.3	3.0	80	292	225	660	28.0
40	191	45	165	5.0	100	343	360	1173	41.0
50	184	90	293	8.5					

*Nb: Length shown refers to ANSI 150 only, other lengths for alternative flanges are available upon request

Temperature Ratings

Body	Max Temp
Cast Iron	180°C
Gunmetal	200°C
Carbon Steel	250°C
Stainless Steel	250°C

End Connections

- BSP Taper
- BSP Parallel
- NPT
- Socket Weld
- ANSI 150 RF
- ANSI 300RF
- BS4504 PN16
- BS4504 PN25



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