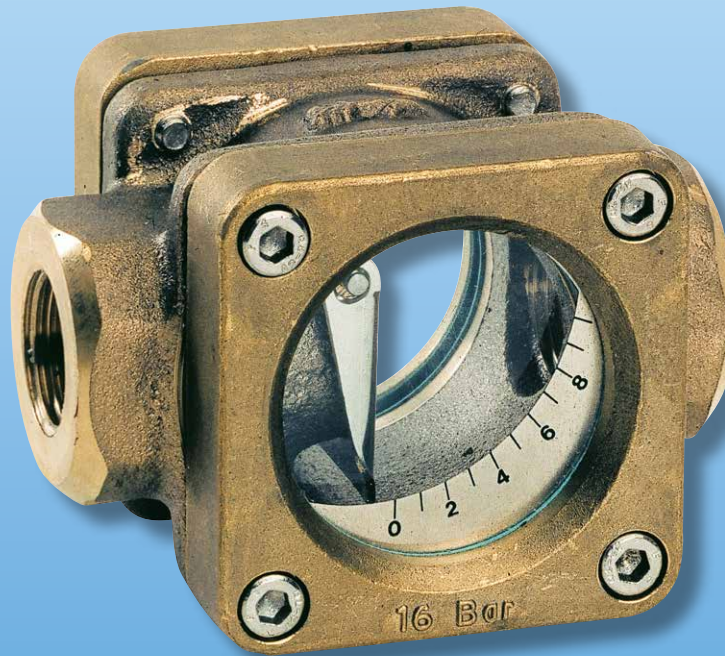


## Referencing Flap Flow Indicator For Liquids



measuring  
•  
monitoring  
•  
analyzing

DAZ



- Indication Range via Relative Scale (Water/Oil)
- $p_{\max}$ : 230 PSI
- $t_{\max}$ : 212 °F (Water), 390 °F (Oil)
- Connection: ½" ... 1" NPT
- Material: Red Brass



KOBOLD companies worldwide:

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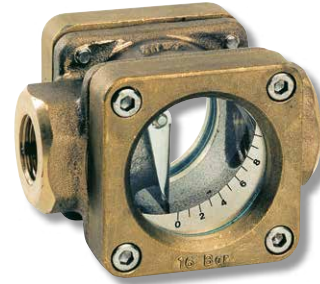
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## Flow Indicator with Flap Model DAZ

### Description

The KOBOLD DAZ flap style flow indicator is designed to both provide an indication of flow conditions and display the flow quantity on a relative scale. The position of the flap indicates the relative flow value on the scale. Please see the table below for the equivalent flow ranges, by fitting size. The DAZ is suitable for either horizontal or vertical installations with a flow direction from the bottom to the top.



### Advantages

- Glass Window on Both Sides
- Large Viewing Window for Increased Visibility
- Economical Pricing
- Durable Stainless Steel Flap
- Stainless Steel Scale

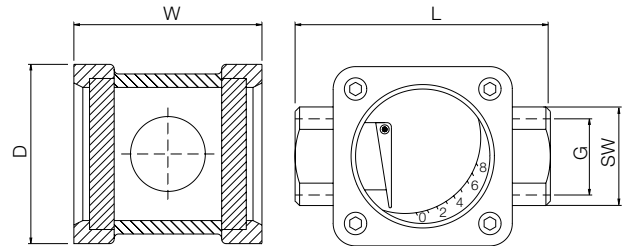
### Technical Details

#### Materials

<b>Housing:</b>	Red Brass
<b>Rings:</b>	Brass
<b>Window:</b>	Soda Lime Glass
<b>Seals:</b>	Klingsil C 4400
<b>Flap:</b>	Polished 301 Stainless Steel
<b>Axle:</b>	303 Stainless Steel
<b>Scale Panel:</b>	301 Stainless Steel
<b>Fittings:</b>	1/2"...1" NPT
<b>Max. Temp:</b>	212 °F (Water), 390 °F (Oil)
<b>Max. Pressure:</b>	230 PSI
<b>Differential Pressure at Max. Flow:</b>	13 PSI

### Flow Rate Values for Scale Plate

Deflection Position on Scale	Connection 1/2" NPT (GPM)	Connection 3/4" NPT (GPM)	Connection 1" NPT (GPM)
2	0.8	0.8	0.9
4	1.2	1.3	1.6
6	1.5	1.6	2.1
8	2.1	2.5	3.4
10	5.3	5.3	7.9



### Order Details (Example: DAZ-1101GN15)

Model*	Fitting*	Indication Range (GPM) Water	Q <sub>max</sub> (GPM) Water
DAZ-1101GN15	1/2" NPT	0.8...5.3	6.0
DAZ-1102GN20	3/4" NPT	0.8...5.3	10.0
DAZ-1103GN25	1" NPT	0.9...7.9	17.0

\* For G thread, replace "N" by "R"

Note: Other materials, sizes, & connections available upon request

### Dimensions

Model	L	W	D	AF	Weight (lb)
DAZ-1101GN15	3.35"	2.68"	2.36"	1.42"	2.65
DAZ-1102GN20	3.35"	2.68"	2.36"	1.42"	2.43
DAZ-1103GN25	3.74"	2.91"	2.36"	1.65"	2.76