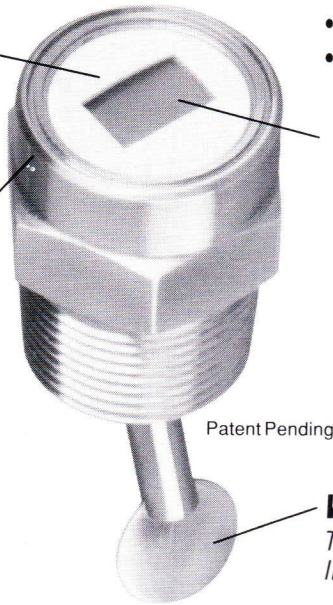


FLOW INDICATOR, BRASS/SST, NON-ELECTRIC

DRY
Indicator
Not In
Contact
With Liquid

Safe Ambient
Pressure Side,
No Sight
Windows To
Leak Or Blow
Out



Applications:

- Replaces unreadable sight windows.
- Use in hazardous locations.
- Non-electrical.

*RED means
no flow,
GREEN means
flow is OK*

WET
Target Stays
In Liquid

Patent Pending

Notes: Model 5200

1. Flow rates are for water, these valves will decrease as the viscosity increases.
2. All wetted parts in brass housing are brass and 316 SST or 316 SST housing is all 316 SST.
3. For pipe sizes larger than 1", indication can be seen at water velocity of 3 ft./sec.
4. High temperature modifications available.
5. Pressure drop < 1 PSIG.
6. 5.0 GPM indicators can be installed in any mounting attitude.
7. 1.5 GPM indicators must be installed horizontally in a vertical pipe run with the flow direction up.
8. If you need to know what direction the liquid is flowing either a 43702 or 43704 may be used. Unit must be installed in a horizontal pipe run, indicator housing up at 12:00. Depending on installation, the red and green side will indicate the direction of flow.

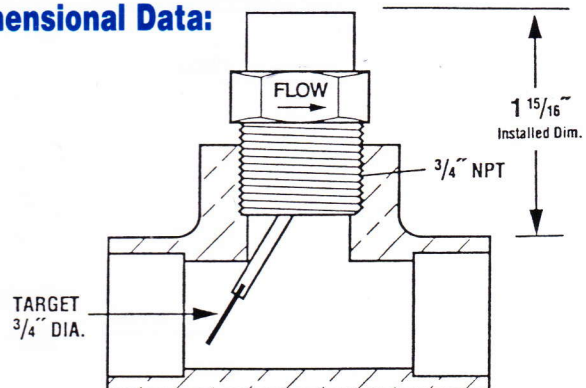
Specifications:

P/N	Indication GPM (Note 1, 3, 5)	Housing (Note 2)	Target Assembly	Operating Temperature	Operating Pressure
43701	5.0 (See Note 6)	Brass	316 SST	-40°F to +225°F (See Note 4)	400 PSI 70°F
43702	1.5 (See Note 7 & 8)				
43703	5.0 (See Note 6)	SST			
43704	1.5 (See Note 7 & 8)				

Operation:

The housing has 2 separate chambers. In the front chamber behind a transparent lens is a 2 color roller, half red, half green and it is equipped with a magnet. In the rear chamber is a magnet equipped target free to swing with the action of the liquid's flow. The poles of the 2 magnets are opposite creating a permanent interlock. As the liquid flow falls, the target and magnet swing to rotate the roller exposing the red side indicating low liquid flow. Accordingly, as the flow rises, the green side indicating a satisfactory liquid flow condition appears.

Dimensional Data:



Model 5200 illustrated at no flow condition, red side visible. Unit is installed into a standard PVC 1x1x3/4" SCH 40 reducing tee or a similar method may be used.