



Dr Flow – Fluid Flow Verifier

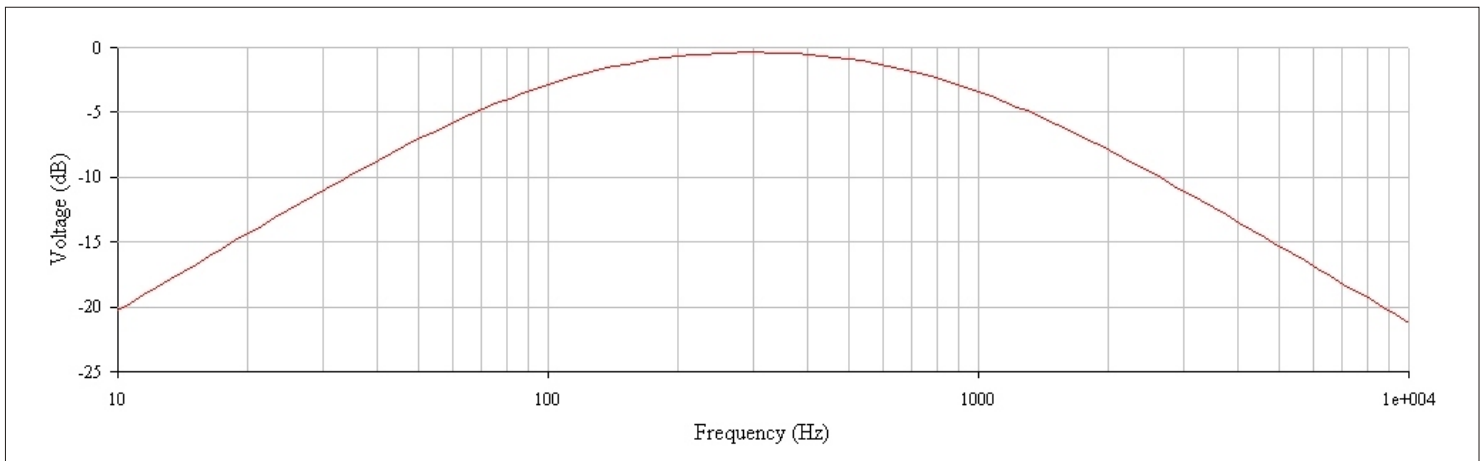
Applications:

Detection of liquid flow in pipes is an important independent measurement to verify control gear such as valves and pumps are operating correctly upstream.

These modules are designed to operate in the audio spectrum and therefore detect audible 'trickles' caused by irregularities in the pipe system. The noisier areas of tubing are generally downstream from unions, joints, valves or even bends. Any flow that is turbulent or partially filled also has good monitoring characteristics for this sensing method.

Flows from as little as those found in 12mm piping in domestic hot water supplies can be monitored. Installation of 'Dr Flow' is particularly simple on pipes by using hose clips or ty-wraps.

Performance and Response:



Specifications:

- Visual Indicator: Green/Red LED
- Power Supply: 10-32V DC @ 20mA typical
- Operating Range: -25°C to +85°C
- Size: 18mm x 53mm x 97mm
- Fixing: 2 off M4 set screws or studs
- Body Material: Injection moulded Nylon 66
- Environmental Rating: IP65
- Output: Isolated volt-free N/O contact rated at 48V max AC or DC @ 100mA