

# GENERAL PRESSURE / FLOW SENSOR + PROBE

Reference : PS-2222



The general flow sensor determines the velocity of fluid in the air or water by measuring the pressure difference between the two inlet tubes. The Venturi tube or Pitot tube must be connected to the general flow sensor. The Venturi tube is used in a network of pipes carrying water or air. The Pitot tube is used in a free water channel or in the air.

Characteristics:

- General Flow Sensor (PS-2222)
- Pressure range: 0 to 50 kPa
- Precision of the pressure:  $\pm 2.5\%$  of full scale (0 to 85 ° C)
- Resolution: 0.02% of the full scale
- Repeatability: 0.25% of the full scale
- Venturi range (water): 0 to 0.00530 m<sup>3</sup> / s (0 to 84 gpm)
- Venturi range (air): 0 to 0.0488 m<sup>3</sup> / s (0 to 773 gpm)
- Pitot range (water): 0 to 9.98 m / s (0 to 36 km hour)

- Pitot range (air): 0 to 92.1 m / s (0 to 206 mph)
- Venturi Precision:  $\pm 8$  litres per minute (gpm) in water  $\pm 2.5$  scfm in air