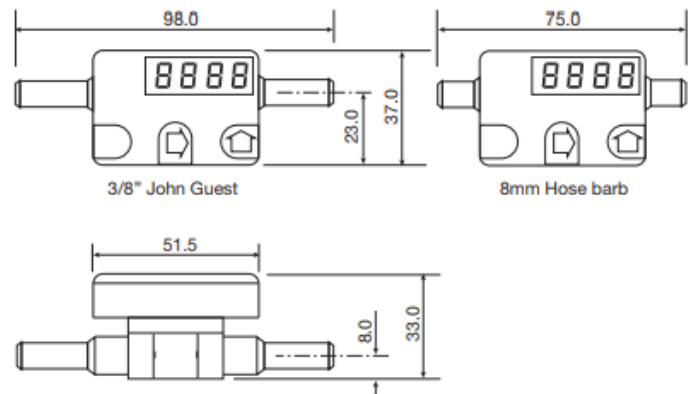


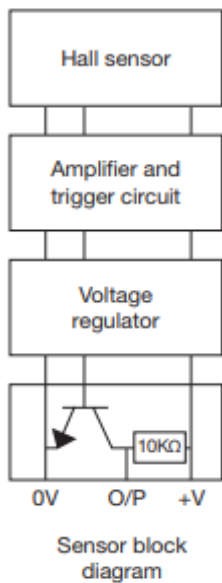
Datasheet

RS Pro Displaying Flowmeter

RS Number: 5113892



RS Number	Flow Range L/Min	Linearity % FSD	Typical Freq. Hz	Approx 'K' Factor
5113892	0.30 – 10.0	1.0	235	1420
Weight	0.081 kg			



FEATURES

- IP65
- Low cost
- 4 digit/total display
- PVDF
- 1-2% FSD
- Sapphire bearings
- Hall effect sensor
- Auto cal feature
- Pulse output
- 10 Bar rating
- 8mm hose
- 0.1% Repeatability
- 8 to 12 V dc
- -10°C to +55°C

Standard Materials of Construction

- Body and cap - PVDF
- 'O' Ring seal - Viton™
- Magnets - PVDF coated ceramic
- Bearings - Sapphire

At the heart of the meter is a precision turbine that rotates freely on robust sapphire bearings and contains over-moulded magnets that are detected through the chamber wall by a Hall effect detector. The output is a stream of NPN pulses that are directly interfaced with the electronic display. This combination of materials and technology ensures a long life product with reliable operation throughout. The 4 digit display is a seven segment 8mm high LED with a flashing colon for flow rate indication. Current consumption is up to 80mA and the unit will operate from 8 to 12Vdc, the recommended PSU is 9 volts at 100mA. There is a 5 volt pulse output for interfacing with other computers or recording instruments