

## Product range

Sonic 5 transmitter	SVP2 – indicator/controller
Sonic 7 transmitter	SVP4 – indicator/controller
Sonic 10 transmitter	SV – loop indicator
Open channel transmitter	SS2 – level switch

## Hazardous products

Sonic 5 EEx ia IIC T6  
Sonic 7 EEx ia IIC T6

## Sonic Transmitter Specifications

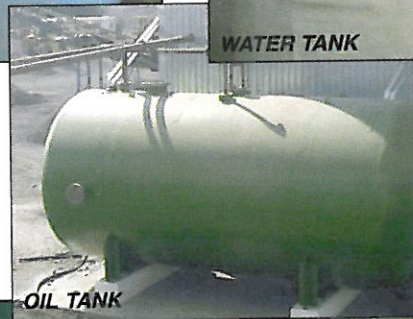
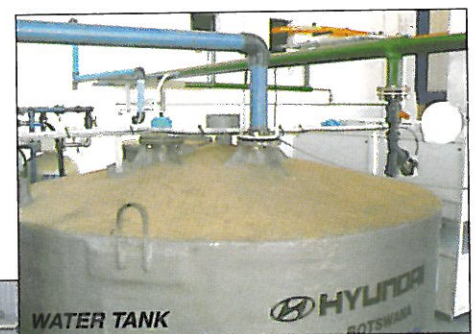
Range	Sonic 5 – 0,2 to 5 m (1/2 to 17 ft) liquids – 0,2 to 2 m (1/2 to 6ft) solids
	Sonic 7 – 0,25 to 7 m (1/2 to 22ft) liquids – 0,25 to 3 m (1/2 to 9ft) solids
	Sonic 10 – 0,40 to 10 m (1/2 to 33ft) liquids – 0,40 to 6 m (1/2 to 17 ft) solids
mA output	– 4 - 20mA, span proportional
Accuracy	– better than 0,25% maximum span
Resolution	– 3mm
Frequency	Sonic 5 – 55KHz Sonic 7 – 50KHz Sonic 10 – 45KHz
Calibration	– using a magnetic key
Display	– two visible surface mount, LEDs
Power	15 to 30 Vdc supply
Fault current	– 3,8mA / 4mA / 22mA Transmitters are configured to 22mA default mA output current. To change the configuration please consult the installation manual or contact your local agent.
Loop load	– Recommended loop load 250 Ohms For Eex applications <150 Ohms
Beam angle response rates	– 8 deg at -3 dB boundary Transmitters are configured to 5m per min response rates. To change the configuration please consult the installation manual or contact your local agent.
Temperature	PT100 built into nose section providing automatic temperature offers compensation across the full range
Hazardous certification	– Eex ia IIC T6
Mounting	– 2" BSP thread on the nose DN50 / 2" ANSI flange suspended from its own integral cable
Operating temperature	– Continuous -20 °C to 75 °C
Sensor temperature	– Max 100 °C (220 °F) for 30 minutes
Pressure (vessel)	– 200Kpa (2 Bar or 30 psi) above atmospheric
Construction	– SUPERCOMPACT, integral sensor and electronics Electronic housing UPVC Label clear acrylic Transducer (wetted component) Teflon encapsulated
Enclosure rating	– IP68+, SUBMERSIBLE
Memory	– Non-volatile EEPROM
Weight	– 1Kg, including integral 5m cable

## Product features

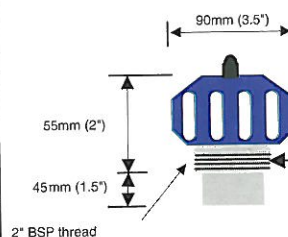
The small, compact Sonic level transmitter offers non-contact measurement of liquid and solid levels. The transmitter is two-wire loop-powered, and uses a simple magnetic key to set up the level range to be measured as well as selecting the response rate and default currents. On-board AND visible operating and fault indication keeps you informed of the operational and fault status, **at the transmitter.**

## Special features for specific industries

- IP 68 rating and Lightning protection – **Water industry.**
- Hazardous certification – **Petrochemical industry.**
- TEFLON nose, inert to acids – **Chemical industry.**
- Tri-clover couplings – **Food industry.**



## DIMENSIONS



## LOCAL AGENT

