



A higher level of performance

Application Reference

Reliable level technology for liquid tanks in water treatment plants



Application Problem:

Clients require reliable technology for measurement of liquid levels in a variety of tank sizes and styles. Continuous, switch point and communication options are all at times required by different control systems. Typical liquid tank applications are chemical storage tanks, day tanks and dosing and mixing tanks.

Comments:

Smaller sized (1-5m), calm liquid tanks are well suited to the compact high frequency Sultan Integral (all in one) Acoustic Wave product, using 2" BSP/NPT mounting. More general applications with condensing vapour, or foaming surfaces, agitation or over a little longer range (1-10m), will only be reliable using slightly stronger, lower frequency (20kHz) sensors, able to self clean with every high energy measuring pulse, mounted using Hawk's recommended flange and cone.

Solution:

Hawk provides Integral (all in one) and Remote (separate transmitter and transducer) products from our Sultan Acoustic Wave range, giving reliable, continuous and switch point solutions for liquid tank level measurement, compatible with a variety of power supply and control output requirements.

Ordering information:

Integral unit- small tank:
AWI234SU30T6TB20XXX

Remote system- liquid tank:

AWR234SUXXXX
AWRT20T4XXXC6XX
FA4A-4
C04-4

Application guaranteed!

Hawk is a world leader in level, position and flow measurement, providing cutting edge equipment to the global industrial market. We have 30 years of experience and a record of success in a wide range of areas including mining/mineral processing, water supply/waste water, bulk material handling and chemical. Our on-going commitment is to provide industry leading technology and cost effective solutions.



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