

Hawk Centurion Guided Radar Level Transmitter

The HAWK range of Guided Radar products are ideal for the measurement of liquids, sludge, powders and granules to a range of 18.5m (60ft) for level and interface. This technology is not affected by pressure, temperature, viscosity, vacuum, foam, dust, changes in dielectric constant or coating of the probe.

Single Probe

Microwave pulses are transmitted along a cable or probe to the product being measured. At the point where the wave meets the product surface it is reflected by the product. The unit automatically calculates the distance to the pulse reflection using time of flight & time expansion. The intensity of the reflection depends on the dielectric constant of the product. The instrument measures the time between emission and reception of the signal which is proportional to the distance.

Hawk MiniWave Ultrasonic Level Transmitter

The MiniWave emits an ultrasonic pulse, which is reflected from the surface of the liquid being measured. The reflected signal is processed using specially developed software to enhance the correct signal and reject false echoes.

Adaptive sensitivity control allows the unit to dynamically adjust and improve the received echoes for the best possible

measurement outcome.

Hawk Sultan Acoustic Wave Level Transmitter

The transmission of high powered acoustic waves ensures minimal losses through the environment where the sensor is located. Due to the high powered emitted pulse, any losses have far less effect than would be experienced by traditional ultrasonic devices. More energy is transmitted hence more energy is returned. Advanced receiver circuitry is designed to identify and monitor low level return signals even when noise levels are high. The measured signal is temperature compensated to provide maximum accuracy to the outputs and display.

Honeywell SmartLine Level Transmitters

Honeywell's SmartLine level transmitter sets a new standard for total performance and user experience. The SmartLine family of transmitters is the industry's first modular and most reliable transmitters, delivering total value across the entire plant lifecycle.

