



648 X-WELL, Wireless Transmitter

648 Wireless & X-WELL Technology

Accurately measures "**Liquid Process Temperature**" using a Patented "**Thermal Conductivity Algorithm**" that takes into account "**Pipe, Assembly & Liquid conductive properties**"

T_3 (Process) is calculated by measuring T_1 (Ambient), T_2 (Surface) and algorithm which includes the Pipe Material & Schedule.

No Thermowell: No pipe penetration, No Wake Freq, No Leak points, No shutdowns, Easy to install & retrofit, Temporary monitoring

Installation: Lagged & Any Orientation (Vertical-Horizontal)

Pipe Sizes: 1/2" to 48" (15mm to 1219mm)

Sensor: 3 wire RTD silver tip / -200 to 300 degC

Accuracy +/- 0.3 ~ 3 degC (Depends on Amb-Process Temp)

Response time (pipe material & wall dependant)

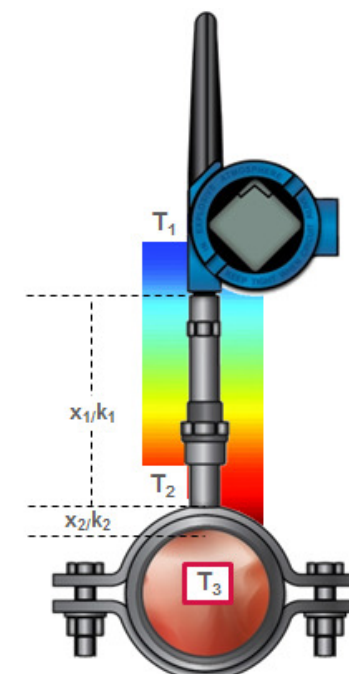
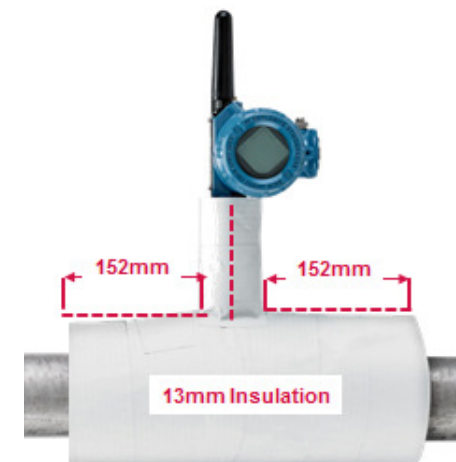
5-15 x slower C.Steel / 15-50x slower on St.Steel

Update Rates, 1 sec to 60 min

Power Module, up to 10 year life

ATEX Zone 1 – IS – Hot Swap Power module

Aluminium & Stainless Steel Housing





M J WILSON
GROUP

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