

GUIDED WAVE RADAR LEVEL TRANSMITTERS

RADAR LEVEL DETECTION FOR LIQUIDS AND SOLIDS.

MT series level transmitters were the first guided wave radar level transmitter in the world to be certified for operation in IEC SIL2 and SIL3.

The guided wave radar's self monitoring capability continually checks for any faults that could cause device failures or false indications.

The interactive waveform display allows the user to calibrate the instrument without the need for a handheld communicator or laptop.

MT5000



- Reliable level measurement over varied process conditions
- Distance 2 to 217 ft/ 66m
- Temperature to 800°F (427°C)
- Pressure to 5000 PSI/ 344 bar
- Standardization reduces inventory and training requirements
- Modular Electronics
- No moving parts
- Suitable for harsh industrial applications

RL100



- Used when second 4-20mA (analog) outputs required
- LCD display
- Field replaceable module
- Simple Calibration
- Dual compartment housing with separate field terminal compartment
- Built in RFI/EMI filter
- 2in. stainless steel pip stand mounting bracket
- Glass viewing window

MT5100



- Provides both lower and upper level fluid indications
- Flooded or non-flooded chambers
- Transmission of interface and upper fluid signals with the use of the optional RL100 repeat indicator or via digital signal.
- Patented weak interface signal detection

MT5200



- Used in low dielectric liquid and bulk solids applications
- Unaffected by dust
- No moving parts
- Unaffected by feed flow
- Can measure levels with dielectric constants as low as 1.3