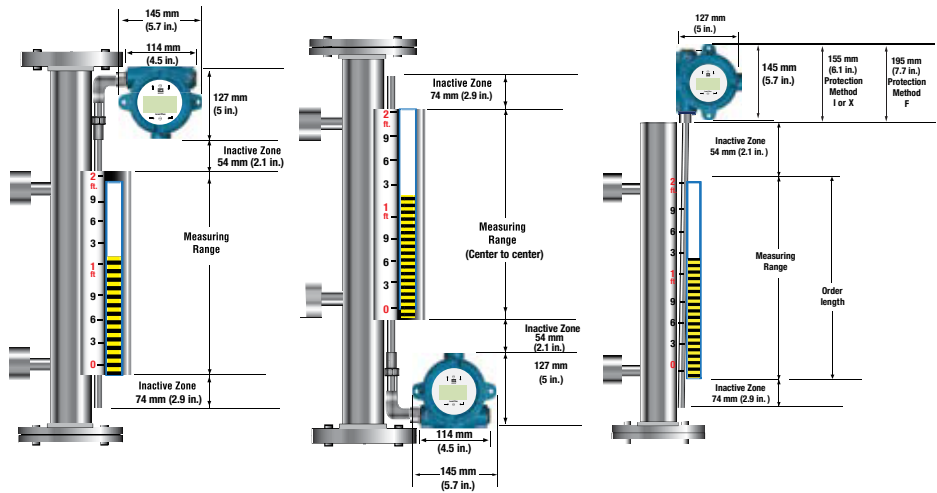


MTLT 5000

MODEL NUMBER

The MTLT-5000 is based upon the magnetostrictive principle. The sensing tube contains a wire which is pulsed at fixed time intervals. The interaction of the current pulse with the magnetic field created by the magnetic float causes a torsion stress wave to be induced in the wire. This torsion propagates along the wire at a known velocity, from the position of the magnetic float and toward both ends of the wire. A patented piezo-magnetic sensing element placed in the transmitter assembly converts the received mechanical torsion into an electrical return pulse. The microprocessor-based electronics measures the elapsed time between the start and return pulses and converts it into a 4-20 mA DC output which is proportional to the level being measured.



ELECTRONICS MOUNTING '4'
TOP RIGHT

ELECTRONICS MOUNTING '6'
BOTTOM RIGHT

ELECTRONICS MOUNTING '1'
TOP MOUNT

"QTS STANDARD"

