

# Demand Moore Reliability

## Monitoring Critical Temperatures In Pharma Batches

Many pharmaceutical batch processes require tight temperature control. Additionally these processes must be fully documented and archived to comply with food and drug regulations. If a failed temperature sensor causes an out of spec or failed batch this can become costly.

The THZ3 and TDZ3 temperature transmitters allow redundant temperature element inputs that monitor the primary sensor and automatically failover to the backup sensor in case of failure. A HART message and integral display (if included) indicates primary sensor failure. When the failed sensor is replaced or repaired, the transmitter automatically switches back to the primary sensor. This allows the batch to run continuously and enables the control system to continually monitor and archive all key process parameters.

