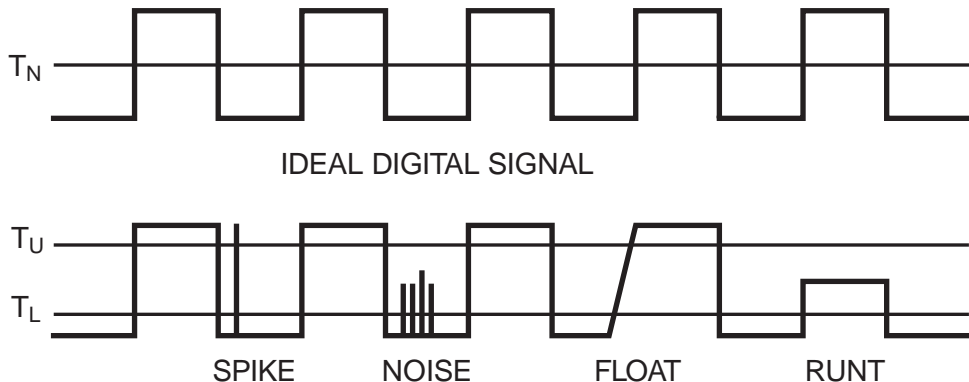


**Figure 1**



**NOTE:**

T=THRESHOLD.

**Although an ideal digital signal assumes only two voltage levels and makes transitions between those levels in zero time, real signals include narrow spikes, low-amplitude noise, undersized “runt” pulses, and signals that make slow transitions between states.**