



Since 1887



Programmable threshold limits are available in all force and torque gauge modes. The feature allows to set minimum, maximum, and target values that are monitored by the gauge. When exceeded the displays MIN, MAX, and OK indicators are on the display.

Each indicator can be set to sound a single or a continuous alarm. Threshold values are also used to determine if the force applied during tests can produce consistent results that stays within the set parameters.

External Input / Output and Input Modes (FC Force Gauge Models only and Torque Gauges)

[Menu>Configuration>External Input]

The threshold output mode enables the Output port by sending voltage level signals which can be used for signaling or controlling external peripherals that can connect with the force or torque gauge. The output mode can be used in combination with Programmable Thresholds Monitoring. Input mode allows an external button or a pedal to be used as trigger for starting force measurements and taking samples.

OUTPUT Ampacity: I max=25mA / U nom=24V (open collector type, emitters connected- GND) | INPUT Voltage Range IN (+)/IN (-): U in=12-18V / I in max=50Ma

Output Modes:

Pulse: All signals off, turning on and off immediately when threshold is exceeded.

Continuous: All signals off, turns on when threshold is exceeded, and stay on continuously. Signals turns off when the range is below the threshold value.

Hold: Signal is held while threshold value is within the range.

Break H: (Inverse Hold) All signals on, signal turns off when the threshold is within range - exactly the opposite of Hold.

Break P: (Inverse Pulse) All signals on, each signal turns off when threshold is exceeded - exactly the opposite of Pulse.

Break C: (Inverse Cont.) All signals on, each signal turns off when threshold is exceeded and stays off continuously. Signal turns on when the range is below the threshold value - exactly the opposite of Continuous.