SPECIFICATIONS

Power Supply	
Voltages:	± 5 VDC Logic Supply ± 5% ± 24 VDC I/O Supply + 12%, -10%
Current Consumption:	5 VDC 1.4 Amps typical, 1.5 Amps maximum 24 VDC 62 mA typical, 70 mA maximum
Inputs	
Input Voltages:	Range 1, 5 VDC Supply: 4.0 VDC to 6.0 VDC Range 2, 24 VDC Supply: 21.6 VDC to 27.0 VDC Range 3, Preamplifiers: 50 mV (peak to peak) to 10 V (peak to peak)
Max. Input Signal Current at Max. Input Voltage:	Range 1: 14.8 mA at 6 VDC Range 2: 8.4 mA at 24 VDC Range 3: 0.4 mA at 10 V (peak to peak)
Logic 1 Input Voltages:	Range 1: 4 VDC minimum, 6 VDC maximum Range 2: 21.6 VDC minimum, 27 VDC maximum Range 3: 25.0 mV peak minimum, 5 V peak maximum
Logic 0 Input Voltages:	Range 1: 0 V minimum, 1.0 V maximum Range 2: 0 V minimum, 2.0 V maximum Range 3: -5 V peak in., -25.0 mV peak maximum
Debounce Times	ON time 8.5 milliseconds (typical) OFF time 8.5 milliseconds (typical)
Input Signal Frequency Limit	Upper frequency limit for using debounce: 40Hz
Mode Accuracy	Totalize: ± 0 Counts Frequency Count: ± 1 Count Period Determination: ± 1 Count
Maximum Input Frequency	50 kHz (at 50% duty cycle)
Timebase Accuracy	±0.033%
Isolation Voltage	150 V RMS channel to channel 350 V RMS inputs to logic
Surge Withstand	Meets requirements of IEEE Surge Capability Standard 472-1974, on all debounced inputs **NOTE:** If you select a preamplifier for a channel, the counter associated with that channel may increment during surge pulsing.
Mounting	Uses 1 slot in Infi 90 Module Mounting Unit.
Environmental	
Electromagnetic/ Radio Frequency Interference	No values available at this time. Keep cabinet doors closed. Do not use communication equipment closer than 2 meters from the cabinet.
Ambient Temperature	0^{o} to 70^{o} C (32^{o} to 158^{o} F)
Relative Humidity	5% to 95% up to 55^{o} C (131^{o} F) (non-condensing) 5% to 45% at 70^{o} C (158^{o} F) (non-condensing)
Atmospheric Pressure	Sea level to 3 km (1.86 miles)
Air Quality	Noncorrosive
Certification	CSA certified for use as process control equipment in an ordinary (nonhazardous) location.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE