

CTI-3000S

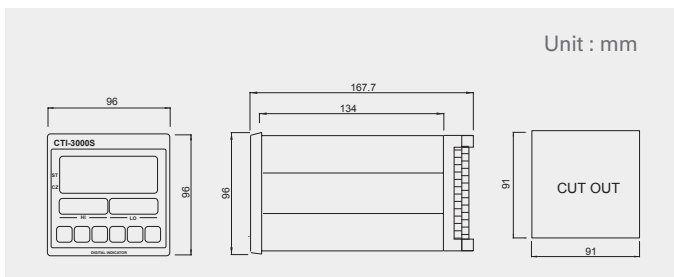
Digital High Speed INDICATOR



FEATURES

- Indicator for straingage sensor
- High speed A/D convert (2000 times/sec)
- Suitable for measurement (dynamic phenomenon for load, pressure, displacement, unreeling etc.,)
- Inner Comparative Output, Analog Output
- Small DIN size (96×96 mm)
- 3 colored led display (orange, green, blue)
- Digital Span Input the rated output by key and calibration available
- Comparing function
HI, OK, LO Output available by Max / Min setting
- Standard Analog Output interface
Analog amp output (AAO), D/A voltage output (DAV)
- Modbus interface
High/Low setting available by Modbus Interface
- Various hold function
Both Polarity Peak hold, bottom hold, sample hold, peak hold
- Various Option
BCD OUT, RS-232C, Analog Out (V, I) Ethernet

DIMENSIONS



SPECIFICATIONS

MODEL	CTI-3000S	
TECHNICAL SPEC	Input Sensitivity	0.6 μ N / Digit (showing minimum guarantee) / 0.12 μ N / Digit (showing minimum)
	Range of Zero Adjust	Approx \pm 50% of psan adjustvalue
	Load Cell Excitation	DC 5V max 4 LOAD CELL available (350 Ω) DC 5V max 8 LOAD CELL available (350 Ω) DC 5V max 2 LOAD CELL available (120 Ω) Inputsensitivity setting available on fuction
	Temperature Coefficient	Zero \pm 0.5 μ N / $^{\circ}$ C (Typ.) / Span \pm 30 ppm / $^{\circ}$ C (Typ.)
	Non-Linearity	In 0.02% of Full Scale \pm 1D
	Max measuring Voltage	15 mV
	Max Display	\pm 999999
Sampling Speed	2000 time/sec	
DISPLAY PART	Weight Display	7segment, 6 digit, Character size : 2.17 mm (H) / 3color LED display (Orange, Green, Red)
	Sub Display	15 Status mark / 3color LED display (Orange, Green, Red)
	Max / Min Display	7segment, 6 digit, Character size : 9 mm (H) / LED (Green)
GENERAL PART	Analog Output	D/A : \pm 50 V / A/A : 3.2 mV / V (\pm 10V)
	External Input	Zero, Hold, Latch, COMP ON COMP1 ~ COM5
	External Output	RS-485(Modbus RTU) / 3 pcs com parative output (MOS FET relay output)
	Power Supply	AC 85 ~ 250V (50/60hz) free volt 20 VA
	Operating Condition	Temperature: -5 ~ 40 $^{\circ}$ C, Less than 85% RH (without condensation)
	Size	96(W) \times 96(H) \times 160(D) mm
OPTION only option available	OP -1	Parallel BCD output (TR)
	OP -4	RS-232C
	OP -7	DAV/DAI Analog Voltage / Current output / \pm 10V & 4~20 mA
	OP -8	Ethernet Interface