



FEATURE

- ◆ High precision analog transmitter
- ◆ Compatible 4 / 6 wire load cell
- ◆ Touch key apply a semi-permanent
- ◆ Isolated current & voltage output
- ◆ Calibration without using load weights
- ◆ Voltage output error due to the wire length is automatically compensated
- ◆ 1 opto-isolated input / 3 opto isolated output / RS232 (OP-01)
- ◆ Isolated current loop (OP-02)
- ◆ AC power (OP-03)

MODEL		TM-100
Front panel		3 touch key & 2 status LED
Mounting		35mm DIN rail (module only)
A/D	Effective resolution	24bit
	External resolution	Up to 100,000 counts
	Input sensitivity	0.2uV/D
	A/D Input range	0~39mV
	Non linearity	< ±0.0015% of FSR max.
	Output data rate	4.7 to 200 measurements per second
	Load cell connection	4 or 6 wire technique
	Number of load cell	Up to 8 units of 350ohm
D/A	Resolution	16bit
	Total unadjusted error	< ±0.05% of FSR max.
	Current output	Current output 4~20mA (Iout / GND)
	Voltage output	Voltage output 0~10V (Vsens+ / Vout / Vsense- / GND)
Operating temperature		-20 °C ~ 60 °C
Product weight		Approx. 150g
Power		Standard: 12 to 28VDC, 200mA max.(Standard) Option : 100~230VAC, 50/60Hz