

► mV/V Input Type

《Option》

- Analogue Auto Zero
- Analogue Scale Zero



Introduction

SETech's Model YD-3513, 3523, 3533 microprocessor based transducer is used for Amplifier or Indicator. The YD-3513, 3523, 3533 has been designed specifically to operate with strain gauge sensor such as Load Cell, Pressure Transducer, LVDT, etc. The setup sequence is simple and quick by using four buttons only. Simple operation and compact size.

Features

- One touch auto zero.
- External data hold function.
- External data auto zero function.
- External data peak hold function.
- External program lock function.
- Analogue Auto-Zero function.
- Option : Data hold and Analogue output hold at the same time. (DAC function)

Terminal

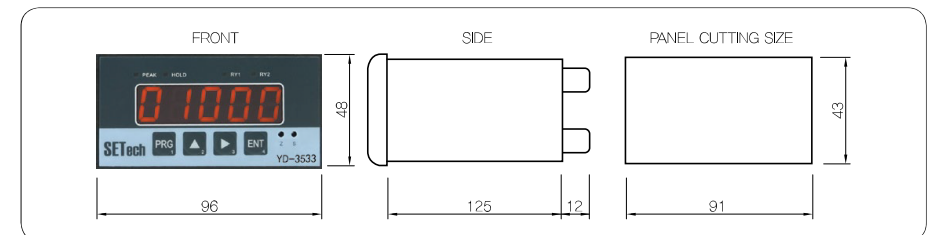
Model: YD-3513, 3523, 3533



Specifications

Temperature storage	-10°C~85°C	Characters displayed	5 digits
Temperature operating	0°C~60°C	Typical accuracy	±0.02%
Relay output	AC 125V 0.5A, DC 24V 1A 120mA	Polarity indicator	Yes
Transducer current	120mA	Decimal Point selection	Push button setup
Calibration method	Front panel switches	Display size	10mm large
Frequency response	5Khz	Resolution maximum	99999
Low pass filter	10Hz, 100Hz, 1KHz	Type	7segment LED
Temperature drift	0.02% FS/°C	Input/Output connector	Screw terminals
Sampling speed	20 t/s(YD-3533), 500 t/s(YD-3523)	Weight	500g
(time/sec)	10,000 t/s(YD-3513)	Mounting	Panel mounting
		Size	48mm X 96mm

Dimensions



Ordering Information

Model Name	YD-3513 YD-3523 YD-3533	P2	E1	01	A1	R3	C0	Communication
Power	P1: 110VAC P2: 220VAC P3: 24VDC							C0: None C1: RS-232C C2: RS-485 C3: RS-422 C4: BCD Open Collector C5: B1N Open Collector
Excitation	E1: 10VDC E2: 5VDC E3: Other							Relay
Input	01: 0.5~3.5mV/V							R0: None R3: HI, OK, Lo
								Analog Out
								A0: None A1: ±0~10V A2: 4~20mA A3: 0~20mA A4: 0~5V A5: 1~5V