

# Digital Mini Weighing Indicator

## >Model DN480A

Industrial weighing applications.

- Isolation from the external noise
- Watch-dog function
- Display resolution, up to 1/20,000
- 2pcs Digital input terminal built in (Zero, Tare/Reset)
- DC 24V power supply. (Without Polarity)
- Data back-up function
- Full Automatic Calibration method
- Simulating Calibration Method (without Span weight)



### ■OPTION

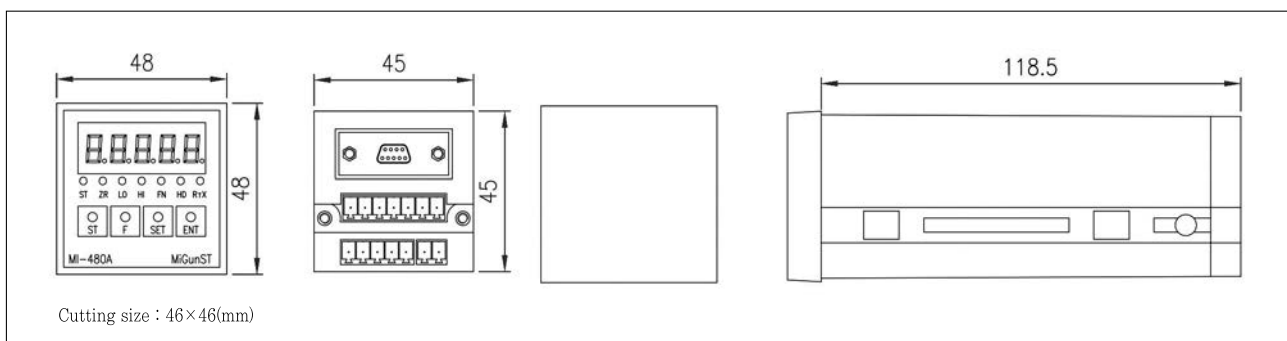
- Option 1 : RS-422 or RS-485
- Option 2 : 4~20mA (Analogue Output)
- Option 3 : 0~10V (Analogue Output)

## >SPECIFICATIONS

Specifications		Accuracy
Input Sensitivity		0.45 $\mu$ V / Digit
Load Cell Excitation		DC 5V
Max. Signal Input Voltage		Max. 32mV
Temperature Coefficient		[Zero] $\pm$ 20PPM/ $^{\circ}$ C / [Span] $\pm$ 20PP/ $^{\circ}$ C
Input Noise		$\pm$ 0.6 $\mu$ V P.P
Input Impedance		Over 10M $\Omega$
A/D Conversion Method		Sigma-Delta
A/D Resolution (Internal)		260,000 Count (18bit)
A/D Sampling Rate		Max. 80times / Sec
Non-Linearity		0.01% FS
Display Resolution (External)		1/30,000
Display	Main Display	7 Segments, 5 Digit RED FND Display Size : 12.7mm(H) $\times$ 7.3mm(W)
	Min. Division	$\times$ 1, $\times$ 2, $\times$ 5, $\times$ 10, $\times$ 20, $\times$ 50
	Max. display value	+ 99,950
	Under Zero value	"-" (Minus display)
Status lamp	Zero, Stable, Low, High, OK, Hold, Comm.	Red LED $\phi$ 7 Lamp
Key	Function keys	Zero / F / Set / Enter (4pcs function keys)
Usable power		DC 24V regardless of polarity (SMPS type 1A is advisable)
Usable temperature		-5 $^{\circ}$ C ~ 40 $^{\circ}$ C
Usable humidity		85% Rh or lower (should not have beads of water on it)
Product size & weight		(W)48 $\times$ (H)48 $\times$ (D)125, about 100g

## >DIMENSIONS

unit:mm



★Specifications are subject to change without notice.