

# Model KBS-5205

High Precision Digital Indicator



## For:

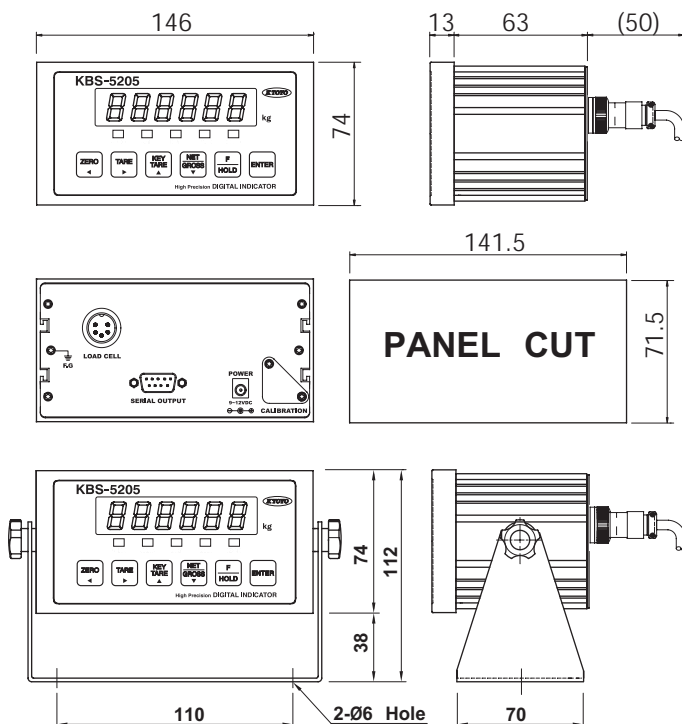
- Industrial Weighing Applications
- Force, Pressure & Torque Measurements

## Features:

- 24 Bit sigma-delta A/D converter for high accuracy
- Full digital calibration
- Simulative(mV/V memory) or live load calibration
- RS-232C interface
- High brightness LED display

## SPECIFICATIONS

Analog signal Input range	0mV ~ ±20mV	
Non-linearity	0.01% F.S. max.	
Max. display resolution	1/20,000	
Min. input sensitivity	0.2 µV/Digit	
Temperature Drift	Zero : ±0.1 µV/ °C RTI max. SPAN : 5ppm/ °C max.	
Load Cell Excitation	DC 5V , 60mA (350 ohm x 4 load cell)	
Input noise	±0.3 µVpp	
Input impedance	10M	
A/D converter	24bit sigma-delta	
A/D internal resolution	1/200,000	
A/D Sampling speed	10 times/sec	
Display	7 segments LED (14mm), 5 digit	
Maximum Display	-9999 ~ +99999	
Display speed	10times/sec ~ 2times/sec	
Polarity indication (-)	"-" Minus sign	
Annunciators	Stable, Zero, Net, Tare, Hold	
Display increments	1,2,5,10,20,50 selectable	
Decimal points	Selectable to any points	
Operating Voltage	DC 9~12V (AC 220V / DC 9V 1000mA Adapter)	
Power Consumption	Approx. 1VA	
Operating Temperature	-10 °C ~ 50 °C	
Output	Standard	RS-232C serial output
	Options	1) RS-485 (Serial output)
Weight	Approx. 760g	



## ORDERING INFORMATION

**KBS-5205 - 1 0**

MODEL

Output

0 : RS-232C Serial Output (Standard)  
1 : RS485 Serial Output (Option)

Operating voltage

DC 9~12V (AC 220V / DC 9V Adapter)

\* Specifications are subject to change without notice