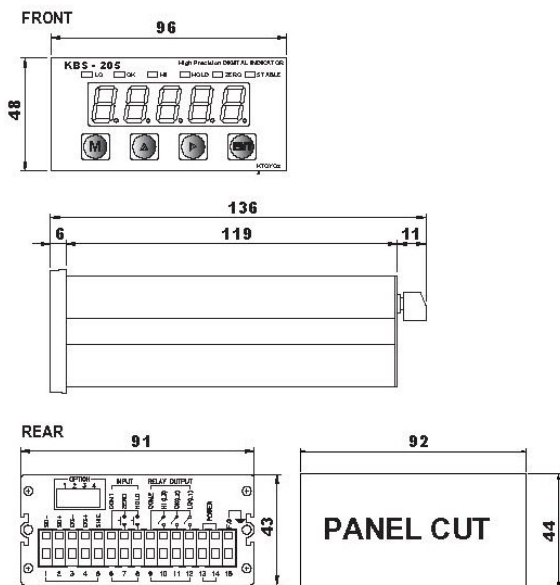


DIGITAL WEIGHT INDICATOR

KBS-205



SPECIFICATION

Analog signal input range	0 mV to ± 20 mV
Non Linearity	0.01% Full scale max.
Max. display resolution	1/20,000
Min. Input sensitivity	0.5 μ V/Digit minimum
Temperature drift	Zero : ± 0.1 μ V/ $^{\circ}$ C RTI max. Span : 10ppm/ $^{\circ}$ C max
Load cell excitation	DC5V, 60mA (350 Ohm- 4 load cells)
Input noise	± 0.3 μ Vpp
Input impedance	10 MOhm
A/D converter	24 bit Sigma delta
A/D internal resolution	1/200,000
A/D sampling speed	50 times/sec
Display	7 Segment Red LED, 5-Digits (14.1mm)
Display speed	50 times/sec - 1 time/sec
Polarity indication (-)	"-" Minus sign
Annunciators	HOLD, ZERO, STABLE, Relay output (LO,OK,HI)
Decimal increments	x1, x2, x5, x10, x20, x50, x100, x200
Decimal points	0, 0.0, 0.00, 0.000, 0.0000
Operating voltage	AC110/220V $\pm 10\%$, 50/60Hz or DC24V
Power consumption	Approx. 10VA
Operating temperature	-10 $^{\circ}$ C ~ 50 $^{\circ}$ C
Relay output	Relay 3 channel output
Option	1) RS-232C, Serial output 2) RS-422, Serial output 3) RS-485, Serial output 4) DC 0~10V, Analog Output 5) DC 4~20mA, Analog Output
Weight	Approx. 530g

Features

- 24 bit Sigma-Delta A/D converter for high accuracy
- 3 set point relay output
- Full digital calibration
- Simulative(mV/V memory) or live load calibration
- Hold, Peak hold and auto zero
- Optional serial output or analog output
- Watch-dog guard

For

- Industrial weighing application
- Force, pressure & torque measurements

ORDERING INFORMATION

KBS-205-1-0

MODEL

OUTPUT

- 0: Relay 3 channel output (Standard)
- 1: RS232C Serial output (Option 1)
- 2: RS422 Serial output (Option 2)
- 3: RS485 Serial output (Option 3)
- 4: DC 0~10V Analog output (Option 4)
- 5: DC 4~20mA Analog output (Option 5)

Example: Option 4 : Relay 3ch + DC 0~10V

OPERATING VOLTAGE

- 1: AC 110V 50/60Hz
- 2: AC 220V 50/60Hz
- 3: DC 24V

* Specifications are subject to change without notice
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