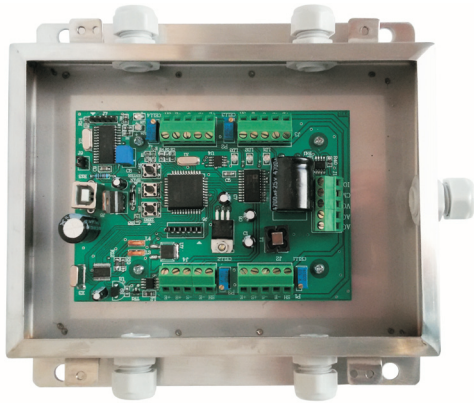


Digital Transmitter



FEATURES

- Up to 4x350 ohm load-cell
- 4 Adjustable potentiometer
- 3 switches for digital calibration
- USB computer connection
- Multi-range power supply (16-24 VDC / 12-18 VAC)
- Analog output (0-10V / 4-20,0-20,0-24mA)
- Stainless steel enclosure
- 24 bit analog to digital converter
- 16 bit digital to analog converter

DESCRIPTION

SK-USB units are versatile, general purpose weight digital transmitters, with a wide-range of industrial and commercial applications.

With three switches you can enable calibration and setup of the instrument. You can connect

the unit to a PC via USB port and calibrate easily. (USB cable is not included)

This unit supports up-to four 350 ohm load-cell and adjust them by four potentiometers.

APPLICATIONS

- Bench and floor scales
- Silo and hopper weighing
- Inventory control
- Various industrial weighing systems

SPECIFICATIONS

PERFORMANCE

Excitation:	+5VDC
Number of Cells:	Up to 4x350 ohm
Filter:	6 Levels
A/D Converter Type:	24 bit
Calibration Methods:	Dead load and span
Input range:	-10 to 10mV / -20 to 20mV
Hardware Adjustment:	4 half-range potentiometer

Voltage Output:	0-10 V
Current Output :	4-20 or 0-20 or 0-24mA
Load Resistance:	> 10 Kilo ohm (Voltage) < 400 ohm (Current)

INPUT & OUTPUTS

Logic Input:	1x12 VDC
Output:	4x1A Relay up to 220V

ENVIRONMENTAL

Operating Temp:	+5 to +40°C
Relative Humidity:	40-75% RH

SERIAL COMMUNICATION

Type:	RS-232
Baud Rate:	9600 or 1200 bps
Data Length:	8 bit
Stop Bit:	1 bit
Parity:	None
Applications:	Continuous, Print

LEDS AND KEYS

Calibration LED:	3 LED
USB LED:	2 LED
Key:	3 Calibration switch

ELECTRICAL

Voltage:	12-18 VAC or 16-24 VDC
Current:	200mA

ENCLOSURE

Material:	Aluminium
Dimensions:	96x96x110 mm WxHxD
Mounting:	Pannel mount
Connectors:	10xpin screw (LC,ANA,VDC) 12xpin screw (4Relay,Input) 9xpin mail D-type (Serial)

ANALOG OUTPUT

Resolution:	16 bit
-------------	--------