SANKET DIGITAL CONDITIONER

Digital conditioners are one of the more recent developments in signal conditioners. The output of a digital signal conditioner is converted to a digital format such as RS485. Digital signals have several advantages over analog signals. They provide a high degree of immunity from electrical noise, they can also support extended transmission distances and are easily connected to a computer.

FEATURES

- Digital set-up and calibration using handheld plug-in display through USB
- Analog Outputs – 0-10VDC, 0-5VDC, 0±10VDC, 0-20mA & 4-20mAHandheld plug-in displaySet-points and event handling using SPST relay
- Remote peak and Tare option
- PC Suite Software for Data Logging through RS 485 communication
- Wall mounting (or) Din rail mounting

TECHNICAL SPECIFICATION

❑ INPUT CHARACTERISTICS	
Power Supply	12 ~ 35V DC
Excitation for sensor	+5VDC @ 50mA ±1%, +10VDC @ 50mA ±1%
Input signal	Up to 8mV/V (Strain Gauge Sensors)
Decimal point	1~3 Points user selectable (X.X, X.XX, XX.XX & X.XXX)
A/D Converter	24 bit resolution
Option	Handheld plug-in display for configuration
	PC Suite Software for Data Logging

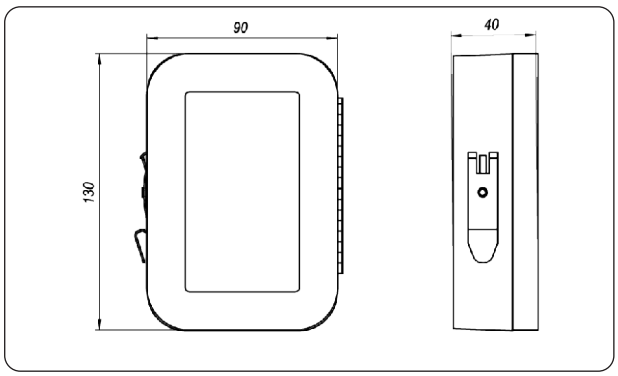
❑ OUTPUT CHARACTERISTICS	
Relay output	1 Relay (5A/230VAC) Standard
Analog signal	0-±10VDC, 0-±5VDC, 4-20mA, 0-20mA User selectable
Communication interface	RS-485 and USB for Configuration

❑ GEOMETRICAL CHARACTERISTICS	
Termination	PCB terminal block
Wire Strip Length	9mm
Wire Gauge Capacity	24 to 14 AWG (0.2 to 2.08 mm2)
Torque	0.4-0.5 N-m
Ingress Protection	IP40 Enclosure rating
Operating temperature (°C)	0 - 50
Storage temperature (°C)	-10 - 60
Case dimension (mm)	130*90*40
Weight (g)	290

MOUNTING ACCESSORIES

Easy mounting on to walls and brackets by opening the blind lids. A clean and sleek appearance can be maintained as screws are hidden away by the blind lids.

DIMENSIONAL DETAILS



Specifications are subject to change without Prior notice