

The Model SCON100 is DIN size, 4 digit DC panel meter. Automatic range-calculation Display , ZERO & SPAN of input.

ORDERING INFORMATION

Specify code number and variables

@Code number : SCON - Input,Output,Power (e.g. SCON 100 - RNX)

@Special input, outputs range : CODE, Display range, Input range
(e.g. SCON100 - DNX, 0-9999, 4-20 mA)

GENERAL SPECIFICATIONS

Construction : panel flush mounting
 Connection : screw terminals
 Housing material : Plastic(resin) light-gray
 Input configuration : Differential Input
 Scaling : Programed Functional switches at the front panel

DISPLAY

LED : 0.56 inch or 1 inch 7-segment, red or green
 Number of display digits : 4 (-9999 ~ 9999)
 Decimal point position : 3 positions selected by a programmed functional switches at the front panel
 Over-range indication : display "OVER"
 Engineering unit indication : sticker attached

INSTALATION

Power supply : AC 110V / 220V 60Hz
 DC 2.4V ±10%, 5VA
 Operating temperature : 0 to 55 °C (32 to 131 °F)
 Operating humidity : 20 - 80% RH(non-condensing)
 Mounting : panel flush mounting
 Size : W96 x H48 x D118 mm (3.78" x 1.89" x 4.65")

PERFORMANCE

Accuracy : ±0.1 % of FS
 Temp. coefficient : ±0.01% of FS + 0.1 digit / °C
 Insulation resistance : 100Mohm or more with 500VDC
 Dielectric strength : AC 1500V at 1 Minute (input to power)

INPUT

DC Voltage : 0 ~ 300VDC Minimum Span : 10mV
 DC Current : resister incorporated
 PMC & RTD

DC voltage		DC Current	
Input	Impedance	Input	Resistance
0 - 10 mV	10 KOhm or more	4 - 20 mA	250 Ohm
0 - 100 mV	100 KOhm or more	10 - 50 mA	100 Ohm
0 - 10 V	1 MOhm or more	0 - 1 mA	1000 Ohm
> 12 V	2.5 KOhm / V		
PMC	Input : 100~100Kohm	RTD	Input: -200~+600°C

Multi-function Digital Indicator

SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM

