

Ordering information

S C M TE - 1 3 - Pt1 OP



Output

| Terminal | Description |
|----------|-----------------------------|
| OP | Output 4-20 mA- 5V.DC - ADJ |
| OP1 | BCD output -insulation |

| | |
|-------|-----------------------------|
| Pt1 | Input PT 100 - Input 4-20mA |
| PT1-0 | Alarm Relay - 1A.250V |

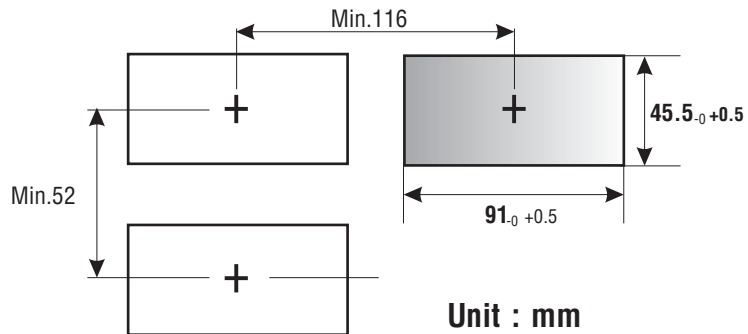
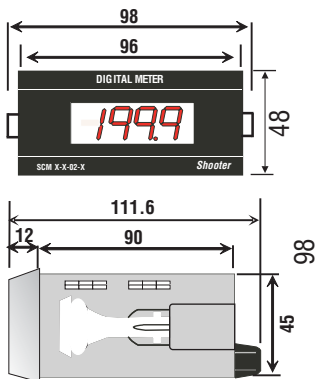
| | |
|---|---|
| 3 | 3 1/2 digit - Average value - RMS value |
|---|---|

| | |
|---|---------|
| 1 | Class 1 |
|---|---------|

| | |
|----|-------------------|
| TE | Temperature meter |
|----|-------------------|

| | |
|---|---------------------------------------|
| M | Series Meter for DIN size W96 x H48mm |
|---|---------------------------------------|

Panel cut - out



■ Technical Data

Measurement temperature displaying unit for transformers.
 The SCM TE-1 3-PT1-0P is a state of the temperature
 The SCM TE-1 3-PT1-0P features a large front panel
 Display along with large 3 digit temperature display.
 It is ideal for 1 thermal display channels for the temperature transformers.
 With 3digits for displaying temperature
 LED for displaying one channel
 LED indicating alarm. Display features large, highly visible, bright red LEDs
 Accepts a 4-20 mA signal which represents the temperature range
 of 0-150°C
 Temperature displaying from 0°C to 150°C
 1 input Pt 100 (RTD) - 3 wires
 Or 1 input 4mA- 20mA
 100/120 Ohm Ni (optional)
 removable rear terminals
 Surge protection on all input channels
 OUTPUT : 4-20 mA ,can be transmitted great distances
 without degradation if the line is too long to adjust variable resistor Rs,
 of course, has the expertise and standard measuring devices.

AUXILIARY POWER SUPPLY:

90 VDC to 140 VDC.

POWER CONSUMPTION:

≤ 6W at scale maximum current

CURRENT OUTPUT:

4mA to 20mA

CURRENT INPUT:

PT 100 or 4mA to 20mA input

SIGNAL CONVERT:

Convert PT 100 to 4-20mA can be transmitted great distances
 without degradation

TEMPERATURE RANGE:

Suits Pt100 or 4-20 mA changers with 0 to 150 degrees C

OPERATING TEMPERATURE RANGE:

-5 to 60 degrees C

TRANSIENT OVERVOLTAGE:

Between independent circuits without damage or flashover:
 5kV 1.2/50us 0.5J

INSULATION COORDINATION:

Between independent circuits 2kV RMS for 1 minute
 Across normally open contacts 1kV RMS for 1 minute

HIGH FREQUENCY DISTURBANCE:

2.5kV 1Mhz common mode

1.0kV 1Mhz differential mode, ≤3% variation

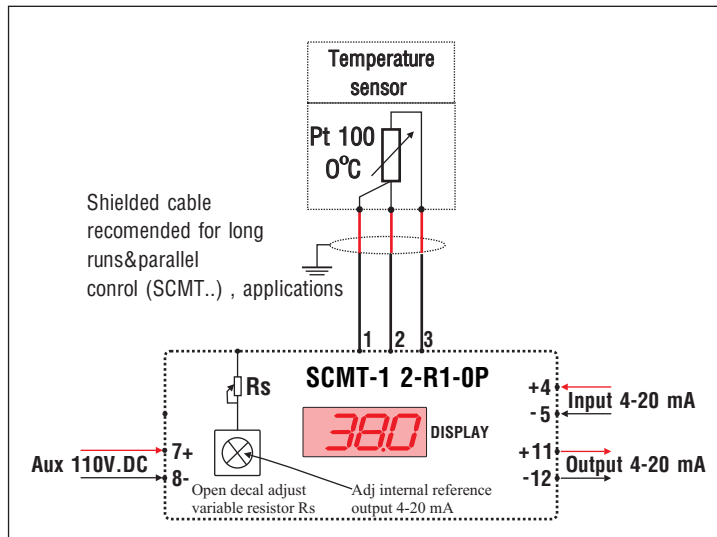


Figure 1- Application Diagram

