

## 4-Channel Temperature Transmitter

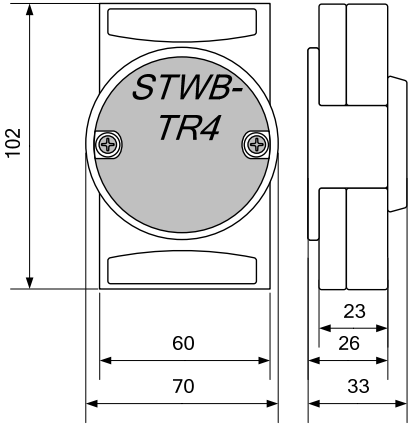


### Features:

- Output standard current or voltage signals linear with temperature.
- Special circuit protect for power supply reverse polarity.
- 35mm standard rail installation.
- Non-isolated design for input and output signal.

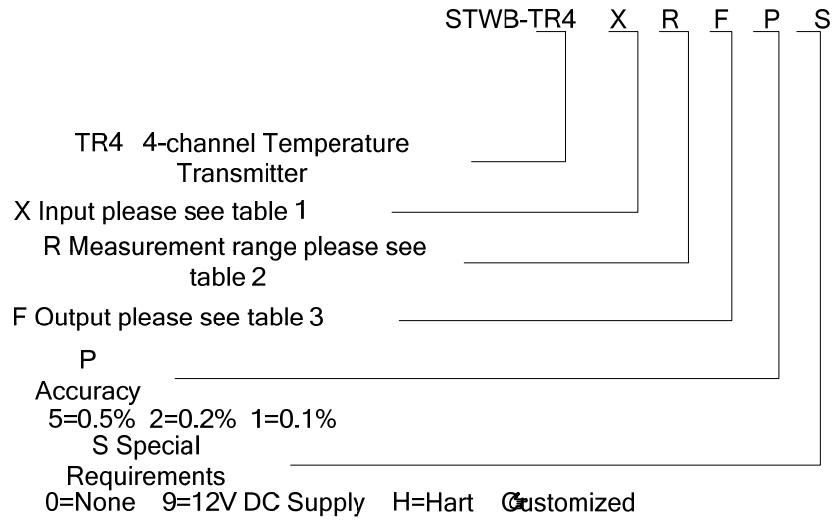
### Specifications:

- Input: please see table 1
- Measurement range: please see table 2
- Output: please see table 3
- Power supply: 24V DC
- Load resistance: Electric current  $\leq 500\Omega$  Voltage  $\geq 100k\Omega$
- Accuracy: 0.1% 0.2% 0.5%
- Power Consumption :  $< 2W$
- Ambient temperature range:  $-20^{\circ}\text{C} \sim 80^{\circ}\text{C}$  Humidity:  $< 95\%RH$

### Dimensions and Electrical connection

| Dimensional Drawing   | Picture  | Connection  |
|---|--|---|
|  <p>R4</p> |  |  |

How to order



For Example: STWB-TR4---X100T---R05---FA1---P5---S0

4-channel Temperature Transmitter | PT100 3-wire input | 01 100 | 4 20mA Output | 0.5 | Non e

Table 1: Input Code table X

| Code  | Specifications | Optional range |
|-------|----------------|----------------|
| 100D  | Pt100 2-wire   | 01~09          |
| 100T  | Pt100 3-wire   | 01~09          |
| 1000D | Pt1000 2-wire  | 01~09          |
| 1000T | Pt1000 3-wire  | 01~09          |
| 50    | Cu50           | 02~06          |
|       | Customized     |                |

Table 2: Ranges Code table R

| Code | Ranges °C  |
|------|------------|
| 01   | -200~100   |
| 02   | -50~50     |
| 03   | -50~150    |
| 04   | 0~50       |
| 05   | 0~100      |
| 06   | 0~150      |
| 07   | 0~200      |
| 08   | 0~250      |
| 09   | 0~300      |
| 10   | 0~800      |
|      | Customized |

Table 3: Output Code table F

| Code | Specifications |
|------|----------------|
| A1   | 4~20mA         |
| A2   | 0~10mA         |
| V1   | 0~5V           |
| V2   | 0~10V          |
|      | Customized     |