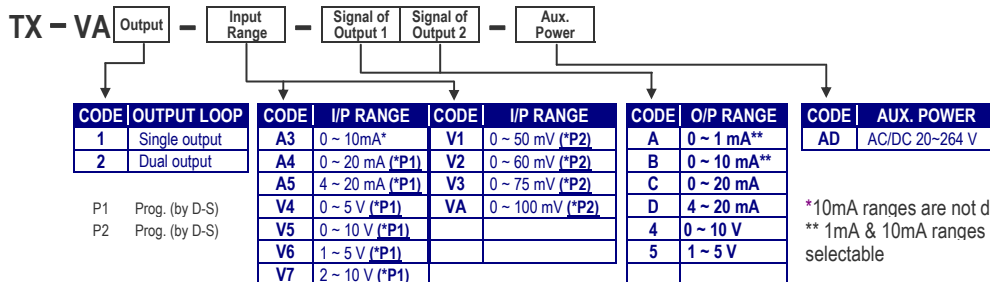


## FEATURES

- Input modules for 0~5V / 0~10V / 1~5V / 2~10V / 4~20mA / 0~20mA or 0~50mV / 0~60mV / 0~75mV / 0~100mV selectable by dip switches
- Output V & mA selected via terminals and 0~5V / 0~10V / 1~5V / 4~20mA / 0~20mA selected via dip switches
- Dual signal output available in 22.5 mm thin profile
- Wide power supply range AC & DC 20 ~ 265V
- CE Approved



## ORDER CODING



## TECHNICAL DATA

Signal input (change input range by dip-switch)

|      | Input Range (Selected by terminals) | Input Signal (Selected by dip-switch on pcb) | Input Impedance |
|------|-------------------------------------|--|-----------------|
| Vdc  | 0 ~ 20 mA (by terminal 3+ & 2-)     | 0~20mA, 4~20mA                               | 250Ω            |
| mAdc | 0 ~ 10 V (by terminal 1+ & 2-)      | 0~5V, 0~10V, 1~5V, 2~10V                     | 1MΩ             |

Analogue output (change output range by dip-switch)

| Output Range | Load Resistance | Output Signal (Selected by terminals)         |
|--------------|-----------------|---|
| 0 ~ 20mAdc   | ≤ 600Ω          | Output 1: Io(mA output by terminal 9+ & 8-)   |
| 4 ~ 20mAdc   | ≤ 600Ω          | Output 1: Vo(V output by terminal 7+ & 8-)    |
| 0 ~ 10Vdc    | ≥ 500Ω          | Output 2: Io(mA output by terminal 12+ & 11-) |
| 0 ~ 5Vdc     | ≥ 500Ω          | Output 2: Vo(V output by terminal 10+ & 11-)  |
| 1 ~ 5Vdc     | ≥ 500Ω          |   |

- Accuracy:** ≤ ±0.2% of F.S. factory  
≤ ±2% of F.S. after range change
- Linearity:** ≤ 0.1% of F.S.
- Response time:** ≤ 250msec (10%~90% of FS)
- Output ripple:** ≤ ±0.1% of F.S.
- Span adjustment:** ≤ ±10% of F.S.
- Zero adjustment:** ≤ ±10% of F.S.

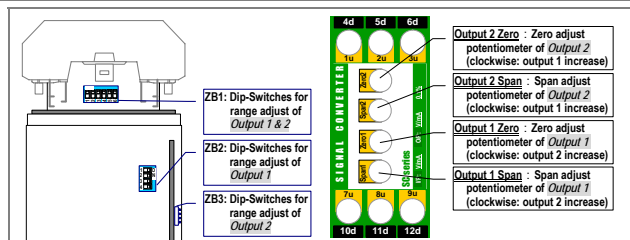
- Power**
- Power supply:** AC/DC 20~265V, 50/60Hz
- Power consumption:** DC 4W, AC 5.0VA

- Environmental**
- Operating Temperature:** 0~60 °C
- Operating humidity:** 20~95% RH, Non-condensing
- Temperature Coefficient:** ≤ 100PPM/°C (0~50 °C)
- Storage temperature:** -10~70 °C
- Protection:** IP 42

- Mechanical**
- Dimensions:** 81.8mm x 99mm x 22.5mm
- Housing:** Self-extinguishing, black ABS, UL94V0
- Terminals:** Screw terminal, up to 2 x 2.5mm<sup>2</sup> wire
- Mounting:** 35mm DIN rail (EN50022)
- Weight:** 250g

- Specification**
- Electrical Safety:** IEC 61010 (Installation category 3)  
EN 61326
- EMC:** AC 2.0KV for 1min
- Electric Isolation:** Between Power / Input / Output1 / Output2 / Case
- Insulation resistance:** ≥ 100MΩ at 500Vdc

## ADJUSTMENT



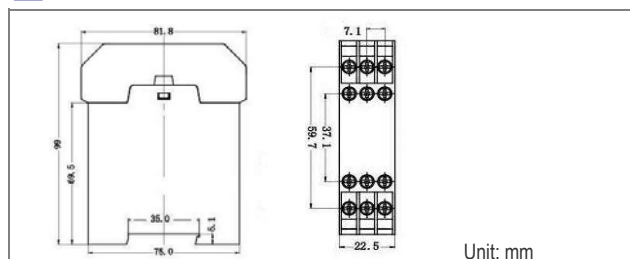
### Signal input

| V / mA INPUT : (CODE: P1) |                  |     |     | mV INPUT : (CODE: P2) |                  |     |     |     |     |
|---------------------------|------------------|-----|-----|-----------------------|------------------|-----|-----|-----|-----|
| SIGNAL RANGE              | DIP SWITCH (ZA1) |     |     | SIGNAL RANGE          | DIP SWITCH (ZA1) |     |     |     |     |
|                           | SW1              | SW2 | SW3 | SW4                   |                  | SW1 | SW2 | SW3 | SW4 |
| 0 ~ 5 V                   |                  |     |     | on                    | 0 ~ 50 mV        | on  |     |     |     |
| 0 ~ 10 V                  |                  |     |     |                       | 0 ~ 60 mV        |     | on  |     |     |
| 1 ~ 5 V                   |                  | on  | on  | on                    | 0 ~ 75 mV        |     |     | on  |     |
| 2 ~ 10 V                  |                  |     | on  | on                    | 0 ~ 100 mV       |     |     |     | on  |
| 0 ~ 20 mA                 | on               |     |     |                       |                  |     |     |     |     |
| 4 ~ 20 mA                 | on               | on  | on  | on                    |                  |     |     |     |     |

### Signal output

| SIGNAL RANGE | DIP SWITCH - ZB1 (ZB1 for O/P1 & O/P2) |     |         |     |     |     | DIP SWITCH - ZB2 (ZB2: O/P1) |     |         |     | DIP SWITCH - ZB3 (ZB3: O/P2) |     |         |     |
|--------------|--|-----|---------|-----|-----|-----|------------------------------|-----|---------|-----|------------------------------|-----|---------|-----|
|              | OUTPUT2                                |     | OUTPUT1 |     |     |     | OUTPUT1                      |     | OUTPUT2 |     | OUTPUT2                      |     | OUTPUT1 |     |
|              | SW1                                    | SW2 | SW3     | SW4 | SW5 | SW6 | SW1                          | SW2 | SW3     | SW4 | SW1                          | SW2 | SW3     | SW4 |
| 0 ~ 5 V      | on                                     |     |         |     | on  | on  | on                           | on  | on      | on  | on                           | on  | on      | on  |
| 0 ~ 10 V     | on                                     |     |         |     | on  | on  | on                           | on  | on      | on  | on                           | on  | on      | on  |
| 1 ~ 5 V      | on                                     |     |         |     | on  | on  | on                           | on  | on      | on  | on                           | on  | on      | on  |
| 2 ~ 10 V     | on                                     |     |         |     | on  | on  | on                           | on  | on      | on  | on                           | on  | on      | on  |
| 0 ~ 20 mA    | on                                     |     |         |     | on  | on  |                              |     |         |     |                              |     |         | on  |
| 4 ~ 20 mA    | on                                     |     |         |     | on  | on  |                              |     |         |     |                              |     |         | on  |

## DIMENSIONS



## CONNECTION DIAGRAM

