

## T2XXX Series Pressure transmitter

### User Guide

#### 1. Electrical Connection

| Electrical Connection | Schematic Drawing | 4~20mA | 0.5~4.5V/0~5V<br>0~10V | RS485 |
|-----------------------|-------------------|--------|------------------------|-------|
| GX12-3P               |                   |        |                        |       |
| Packard               |                   |        |                        |       |
| Hirschmann            |                   |        |                        |       |
| GX12-4P               |                   |        |                        |       |
| M12-4P                |                   |        |                        |       |
| Direct lead           |                   |        |                        |       |

## 2. Supply Voltage

|         |          |                          |                      |          |          |          |
|---------|----------|--------------------------|----------------------|----------|----------|----------|
| Output  | 4~20mA   | 0.5~4.5V<br>Proportional | 0.5~4.5V<br>Absolute | 0~5V     | 0~10V    | RS485    |
| Voltage | 10~36VDC | 4.75~5.25VDC             | 4.75~5.25VDC         | 10~36VDC | 12~36VDC | 10~30VDC |

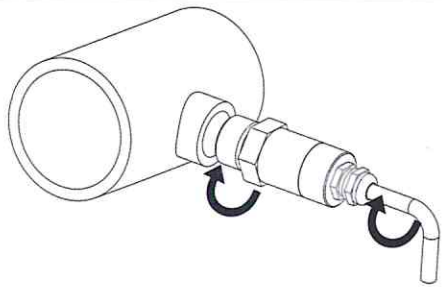
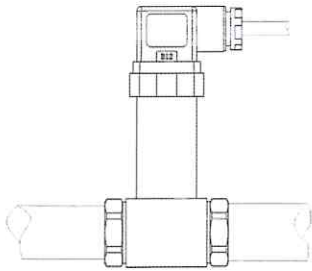
\* Addition: When T2010 output is 0~10V, the working voltage is 14~30V; when T2070 absolute output is 0.5~4.5V, the working voltage is 5~15V

## 3. Working Temperature

| Working Temperature | Model                                     |
|---------------------|-------------------------------------------|
| -20~85℃             | T2000,T2010,T2030,T2700,T2800,T2050,T3000 |
| -40~120℃            | T2070,T2600,T2060                         |

\* Addition: The T2030 can be used to measure high temperature media, 5 heat sink for 180℃, 10 heat sink for 260℃

## 4. Installation

|                                                                                                                                                                                  |                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>The wire and sensor rotate at the same time to prevent the wire from being twisted off</p> |  <p>T2050 differential pressure transmitter should be mounted horizontally.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 5. Medium

| medium                                                                                                   | Model                              |
|----------------------------------------------------------------------------------------------------------|------------------------------------|
| Medium compatible with R12, R22, R134A, R404A, R407C, R410A, R502, R507                                  | T2070,T2600,T2060                  |
| Gas or liquid compatible with 304 and 316L stainless steel, fluorine rubber ring or NBR                  | T2010,T2030,T2050,<br>T2700, T2800 |
| Gases or liquids compatible with 1Cr18Ni9Ti, 304 stainless steel, fluorine rubber ring or Nitrile rubber | T2000                              |