



## Smart Valve Positioner TS800 Series

- Quick and easy auto calibration
- Flapper / Nozzle type Torque motor
- By-pass valve (A/M switch) installed
- PST & Alarm & Diagnostic function
- Advanced diagnostics

# Smart Valve Positioner TS800/TS805 Series

## Description

TS800 Smart Valve Positioner controls the valve stroke in response to an input signal of 4-20mA from the control panel, DCS, or calibrator.

## Features



TS800 Standard type



TS805 Stainless steel 316 type



TS800 with Limit switch type

## Certified



- + Quick and easy auto calibration
- + Flapper / Nozzle type Torque motor
- + By-pass valve (A/M switch) installed
- + HART communication (HART 7)
- + Limit switch (Mechanical or Proximity type)
- + Partial stroke test (PST) function
- + Alarm function
- + Advanced diagnostics (Option)
- + Copper minimized (Option)

## TS820 (Remote type)

TS820 Body



TS820 Sensor

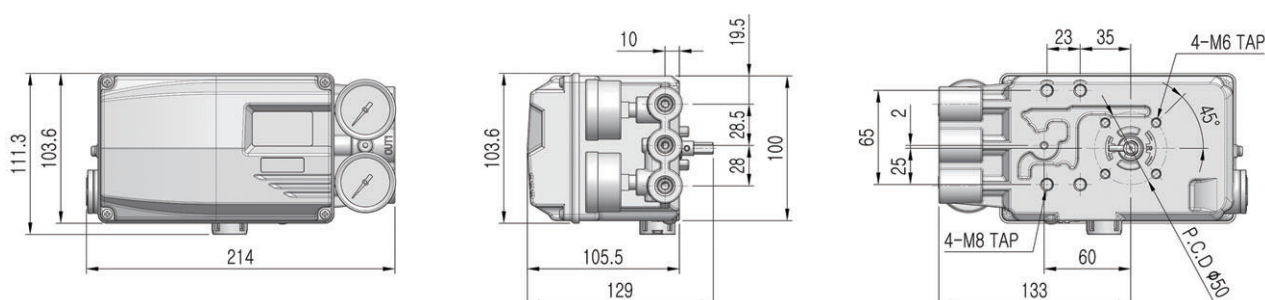


## Interface structure



- |                             |                                  |
|-----------------------------|----------------------------------|
| 1. LCD                      | 6. Position transmitter (Option) |
| 2. Button (4)               | - 2 Wire                         |
| 3. Alarm modules            | - 4~20mA DC feedback signal      |
| 4. Input signal (4~20mA DC) | 7. Limit switch (Option)         |
| 5. Ground                   | - Mechanical type                |
|                             | - Proximity type                 |

## tissin



# tissin

Solutions for control valve system

tissin

## Tissin Co.,Ltd. (주)티썬

201-1105, No 397, Seokchen-ro, Ojeong-gu,  
Bucheon-si, Gyeonggi-do, Korea 14449

Tel : +82-32-624-4573, Fax : +82-32-624-4574

[www.tissin.co.kr](http://www.tissin.co.kr)



Version: PC-800EN\_04/2024

We reserve the right to make technical changes or modify  
the contents of this document without prior notice.

Copyright © 2024 Tissin  
All rights reserved.

Printed in Korea