

General information about ADIP-605TP High Temperature Diaphragm Pressure Transmitter

Features:

1. High reference accuracy up to 0.075%, higher on request
2. Long-term drift $\leq \pm 0.25\%$ URL for 1 year.
3. Range down ratio 100:1; higher on request.
4. Replaceable display unit & electronic module.
5. Universal electronics.
6. Menu-guided operation.
7. Factory default data recovery is supportive
8. Hart, PROFIBUS-PA or FF protocol for option.

Applications:

Gauge & absolute pressure measurement in gases, steam or liquids in all areas of of engineering process and measurement.

Level measurement in liquids.

High process temperatures up to 280°C with diaphragm seals.

It can be used below particular occasiaon

1. Need to isolate the high temperature medium with transmitter
2. The measuring medium is corrosive to the transmitter
3. The measuring medium solidification or crystallization due to environmental or temperature changes
4. Suspended liquid or high viscosity medium



Technical specification of the device:

Applicable media: liquid, gas and steam

Pressure range:-100KPa~6MPa

Accuracy:0.075%, higher on request

Stability:±0.25% of URL for 1 year

Temperature drift:±0.0625% of URL/10°C

Output signals:4~20mA, Hart, PROFIBUS-PA for option

Housing material:Aluminum14

Mechanical connection:M20×1.5;G1/2;1/2NPT

Protection class:IP66/67

Diaphragm material:316L, Alloy C-276, Monel, Tantalum diaphragm, 316L with PTFE coating etc for option

Fluid filled: Silicon oil, Vegetable oil, Inert oil ,High temperature oil etc for option

Ex-proof: Exia II CT4, other option per request

Power Supply:10.5-55V DC 10.5-30V DC

Ambient temperature:-40 to 85°C,-40 to 80°Cfor LCD header

Storage temperature:-45 to 85°C,-40 to 80°C for LCD header

