## CS-AGPT800 SERIES Heat-resisting Pressure Transmitter

Pressure Transmitter based on thin film technology

- Accuracy 0,5 % F.S.
- Thin film sensor
- Whole welding structure
- Working temperature reach to 125C
- Customized pressure ports
- CE, intrinsically safe

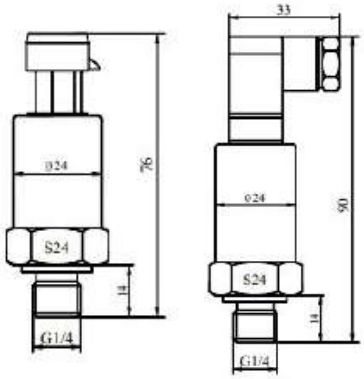
**Application:**

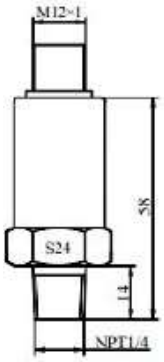
- High temperature environment
- gas and hydrologic monitoring
- boiler pressure monitoring
- Engineering machinery
- high alpine environment
- natural gas storage equipment

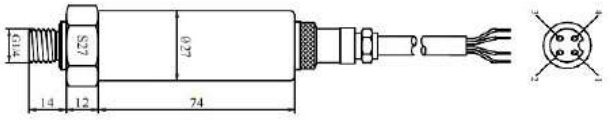
**Characteristics:** CS-AGPT-800 pressure transmitters based on the thin film sensing element. Whole welded structure without O-ring, with extensive measurements range, high accuracy and temperature applications. It has been engineered for the measurement of liquid and gas pressures in a diverse range of industrial and special applications, including: hydraulics, pneumatics, medical, chemical, food processing, barometers etc. Wide choice of electrical output signals to meet operational requirements. Constructed from stainless steel with a ceramic diaphragm. The CS-AGPT800 series are extremely rugged yet of compact design.

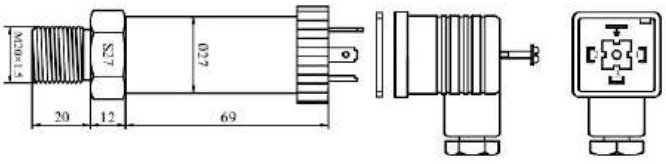
**Technical parameters**

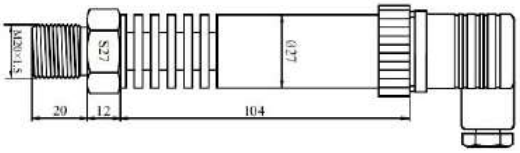
| Parameter | Value |
|---|---|
| Measuring range | 0- 1bar to 2000bar |
| Overload pressure | 2 x RP (rated pressure) |
| Broken pressure | 4 X R (rated pressure) |
| Output | 4 to 20mA,0 to10mA,0 to 20mA,0 to 5V , 0 to 10V |
| Power | 12-30VDC |
| Accuracy | 0.5%F.S, 0.25%F.S |
| Operate temperature | -50…+125 °C |
| Compensated temperature | -20…+120C |
| Media compatibility | corrosive medium compatible with Cr18Ni9Ti |
| Wires | 2-wire 3-wire 4-wire |
| Output signal | 4-20mA, 0-20mA, 0-10mA, 0-5V, 0-10V |
| Power supply | 12 - 30 Vdc |
| Load | (U-10)/0,02 (Ω) >20kΩ |
| Insulation | >100M Ω 50V |
| Pressure port | M12 X1.5,R1/2, G1/4,G1/2,NPT1/2, etc. |
| Electrical connector | Flying lead, aviation plug, Packard, DIN etc. |
| Response time | 10ms |
| Pressure form | gauge G, absolute A, sealed S |
| EMC | EMI: EN50081-1/-2 EMS: EN50082-2 |




Ag-Me Oy
Järvihaantie 10 Halli C
01800 KLAUKKALA

Puh. 09-8492 410
Fax 09-8492 4120
E-mail: info@agme.fi

Y-tunnus: 0200909-2

WWW: www.agme.fi