

## Description

The PT124Y-618 intelligent melt pressure gauge is a digital pressure measurement product integrating pressure measurement, display, output, and control. This product features a fully electronic structure and utilizes a high-temperature isolated diaphragm sensor at the front end. It displays the signal locally and outputs either an analog signal or a mV signal.

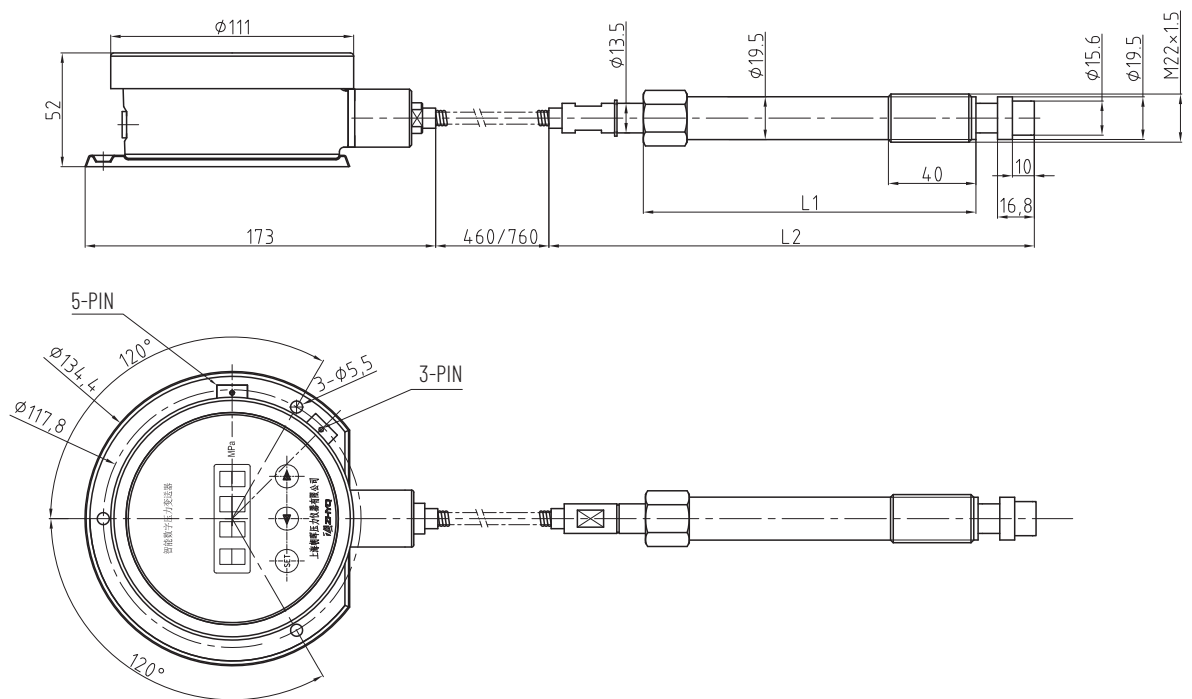
## Features

- High cost-performance ratio, long service life
- Stainless steel encapsulation
- Low temperature drift, high precision, accurate measurement
- Good stability, high reliability
- Available with industrial standard output signals

## Applications

- Chemical fiber equipment
- Plastic and rubber manufacturing equipment
- Polyester, petrochemical, and steam equipment
- Pressure measurement and control of various high-temperature fluids

## Dimensions

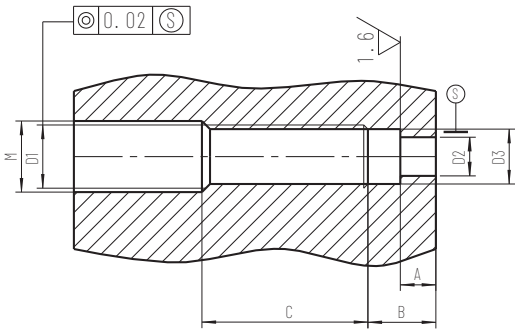
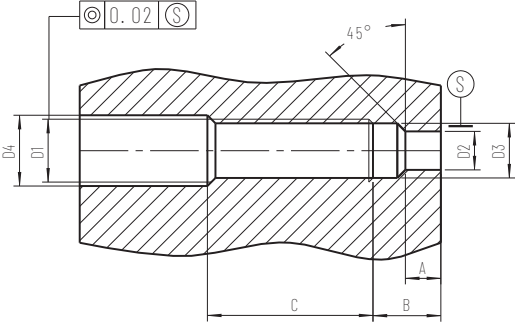


## Parameters

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Pressure range        | 0~5MPa~150MPa                                           |
| Overload              | 150%FS                                                  |
| Power supply          | 24(12-36V) DC                                           |
| Signal output         | 4-20mA                                                  |
| Display mode          | Digital display                                         |
| Accuracy              | ±1%FS                                                   |
| Dial diameter         | 100mm                                                   |
| Operating temperature | Max 400°C                                               |
| Rigid stem length     | 152 ; 200 ; 250 ; 305 ; 350 ; 400mm                     |
| Capillary length      | 460 ; 760 ; 1000 ; 1500 ; 2000mm                        |
| Electrical Connection | 5PIN                                                    |
| Process connection    | 1/2"-20UNF ; M14*1.5 ; M18*1.5 ; M22*1.5 (customizable) |



## Installation dimensions diagram

|                                                                                                            |    |         |         |           |         |
|------------------------------------------------------------------------------------------------------------|----|---------|---------|-----------|---------|
|  <p>Flat surface seal</p> | D1 | M18×1.5 | M22×1.5 | G3/8"     | G3/4"   |
|                                                                                                            | D2 | Φ10.2   | Φ16.1   | Φ10.2     | Φ18.3   |
|                                                                                                            | D3 | Φ15.5   | Φ20.1   | Φ14.5     | Φ24.2   |
|                                                                                                            | M  | Φ19     | Φ23     | Φ17       | Φ28     |
|                                                                                                            | A  | 11      | 11      | 9         | 11      |
|                                                                                                            | B  | 13      | 13      | 10        | 14      |
|                                                                                                            | C  | 40      | 25      | 25        | 40      |
|  <p>45° bevel seal</p>    | D1 | M12×1.5 | M14×1.5 | 1/2-20UNF | M18×1.5 |
|                                                                                                            | D2 | Φ8.1    | Φ8.1    | Φ8.1      | Φ10.2   |
|                                                                                                            | D3 | Φ10.8   | Φ12.5   | Φ11       | Φ15.5   |
|                                                                                                            | D4 | Φ13     | Φ15     | Φ14       | Φ19     |
|                                                                                                            | A  | 6       | 6       | 6         | 6       |
|                                                                                                            | B  | 9       | 9       | 9         | 11      |
|                                                                                                            | C  | 16      | 16      | 16        | 20      |



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