

## Main specifications

## ▼ Pressure connection

M20 x 1.5  
1/4" PT  
Material: SS304

## ▼ Electrical connection

Round Packard  
M12x1P  
Cable outlet  
Mini 4-pin

## ▼ Pressure range

500kPa, 600kPa, 1MPa,  
1.6MPa, 2.5MPa, 4MPa, 6MPa,  
10MPa, 16MPa, 25MPa,  
40MPa, 60MPa  
(bar and psi unit available)

## ▼ Pressure type

Gauge pressure /  
Sealed gauge pressure

## ▼ Applicable fluid

Gas and liquid that compatible  
with SS304

## ▼ Operating temperature

-40 to 125°C

## ▼ Storage temperature

-40 to 125°C

## ▼ Protection level

IP 65

## Other Specifications

## ▼ Housing

17-4PH Stainless steel (SS630)

## ▼ Power supply

24VDC / 12VDC / 5VDC

## ▼ Output signal

4~20mA  
0.5 to 4.5V  
1 to 5V  
0 to 5V

## ▼ Measuring elements

Glass micro-fused

## ▼ Zero &amp; span temp. drift

±1.5% F.S. max. (@-10 to 70°C)

## ▼ Accuracy

±0.5% F.S. (Typical)  
For special measurement  
range (<500kPa or >60MPa),  
the accuracy may less than  
±0.5% F.S.

## ▼ Stability

±0.3% F.S. / year

## ▼ Compensated temperature

-10 to 70°C /  
-20 to 85°C (option)

## ▼ Operating overpressure

≤70kPa: 3\*F.S.  
≤25MPa: 2\*F.S.

## ▼ Weight

About 95g

## Glass Micro-fused Compact Pressure Transmitter

### Model: PT-GMF

### Introduction

PT-GMF pressure transmitter adopts glass micro-fused technology, which is one of the most economic transmitter that can apply to gas and liquid pressure measurement.



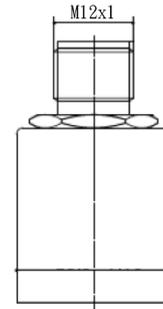
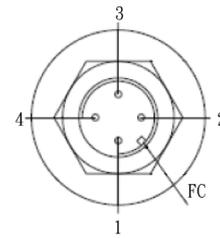
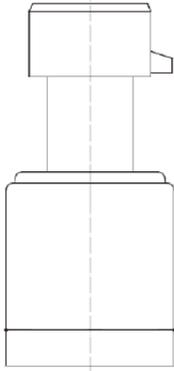
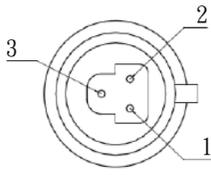
Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

### Features

- OEM service
- Pressure sensor adopts glass micro-fused technology
- Affordable and economic pressure transmitter
- Compact design
- Long-term stability

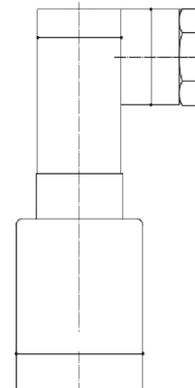
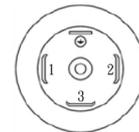
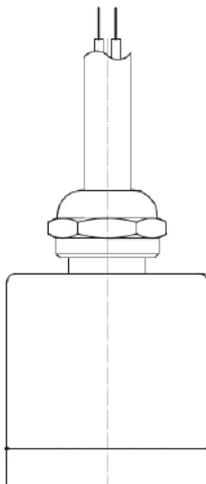


## Dimension



Round Packard		
Two-wire system (current)	Pin 1	Power supply (+)
	Pin 2	Output (+)
	Pin 3	X
Three-wire system (voltage)	Pin 1	Power supply (+)
	Pin 2	Power supply (-)
	Pin 3	Output (+)

M12x1P		
Two-wire system (current)	Pin 1	Power supply (+)
	Pin 2	Output (+)
	Pin 3	X
	Pin 4	X
Three-wire system (voltage)	Pin 1	Power supply (+)
	Pin 2	Output (+)
	Pin 3	Power supply (-)
	Pin 4	X



Cable outlet		
Two-wire system (current)	Red wire	Power supply (+)
	Green wire	Output (+)
Three-wire system (voltage)	Red wire	Power supply (+)
	Green wire	Power supply (-)
	Yellow wire	Output (+)

Mini 4-pin		
Two-wire system (current)	Pin 1	Power supply (+)
	Pin 2	Output (+)
	Pin 3	X
Three-wire system (voltage)	Pin 1	Power supply (+)
	Pin 2	Power supply (-)
	Pin 3	Output (+)

## How to order

PT-GMF		Glass micro-fused pressure transmitter					
Code	Pressure connection						
M	M20 x 1.5						
P	1/4" PT						
O	Other (please specify)						
Code	Pressure range						
1MPa	500kPa / 600kPa / 1MPa / 1.6MPa / 2.5MPa / 4MPa / 6MPa / 10MPa / 16MPa / 25MPa / 40MPa / 60MPa						
Code	Pressure type						
G	Gauge pressure						
SG	Sealed gauge pressure						
Code	Electrical connection						
A	Round packard						
B	M12x1P						
C	Cable outlet						
D	Mini 4-pin						
Code	Power supply						
5V	5VDC						
12V	12VDC						
24V	24VDC						
Code	Output signal						
S1	4-20mA						
S2	0.5 to 4.5V						
S3	1 to 5V						
S4	0 to 5V						
Code	Other requests						
/A	Third party notarized document						
/B	Inspection report						
/C	Tag						
/D	Compensated temperature: -20 to 85°C						
/E	Pressure unit: bar/psi						
/F	Thread adaptor: to adopt the other kind of thread						
PT-GMF	P	1MPa	G	A	24V	S1	Example: PT-GMF-P-1MPa-G-A-24V-S1