

## Pressure transmitter design for tunnel boring machine(TBM)

Model PT124B-2501, PT124B-2503 & PT124B-2504

### Description

PT124B-2501, PT124B-2503 & PT124B-2504 pressure transmitter special design for tunneling machine application, it adopts the firm diaphragm with special treatment; consummate dynamics transfer configuration design to make the flush diaphragm no damaged by the hardness grit of the tested medium. This model has the character of compact configuration, corrosion resistance, shock proof, wide range temperature compensation.



PT124B-2501



PT124B-2503



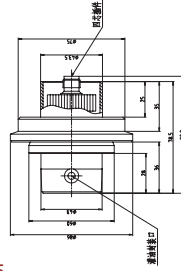
PT124B-2504

### Application

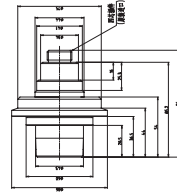
It is application for various project equipments, such as tunnelling equipment, digger, fracturing truck, loader, brick making machine, liquid pressure, oil exploration and mud pressure measuring.

### Dimensions

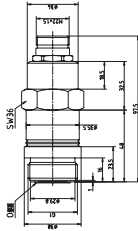
■ PT124B-2501



■ PT124B-2503



■ PT124B-2504



### Ordering Guide

Model	Range(bar)	Output	Screw Thread	Electric connection	Other requirement
PT124B-2501 PT124B-2503 PT124B-2504	---	---	---	---	---
Example: PT124B-2501-10mBar-4/20mA-Flange-Direct shield cable					

### Specifications

- **Pressure range:** 6bar, 10bar, 20bar, 50bar
- **Output:** 4-20mA, 0-5V/10V, 2mV/V, 3.33mV/V
- **Supply voltage:** 12-36VDC; 10VDC
- **Accuracy:** 0.25%FS, 0.5%FS, 1.0%FS
- **Diaphragm material:** 316L
- **Cover material:** 304, 304L
- **Operating temperature:** 0-80°C
- **Process connector:** Hold-down type, thread screw type
- **Electrical connector:** 4PIN connector



## Pressure transmitter design for fracturing truck

Model PT124B-2511, PT124B-2512, PT124B-2513 & 2521

### Description

PT124B-2511, PT124B-2512, PT124B-2513 & 2521 pressure transmitter special design for fracturing truck application, it adopts the firm diaphragm with special treatment; consummate dynamics transfer configuration design to make the flush diaphragm no damaged by the hardness grit of the tested medium. This model has the character of compact configuration, corrosion resistance, shock proof, wide range temperature compensation.



PT124B-2511



PT124B-2512



PT124B-2513



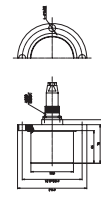
PT124B-2521

### Application

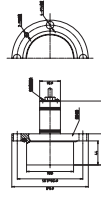
It is application for various project equipments, such as tunnelling equipment, digger, fracturing truck, loader, brick making machine, liquid pressure, oil exploration and mud pressure measuring.

### Dimensions

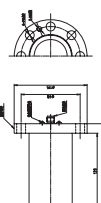
■ PT124B-2511



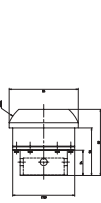
■ PT124B-2512



■ PT124B-2513



■ PT124B-2521



N	G	G2	G3	G4	A	B	C	SW	E	F	H
12-20mm	Ø14	Ø15	Ø15.5	Ø17	14	14	14	14	14	14	14
16-25mm	Ø18	Ø19	Ø19.5	Ø21	18	18	18	18	18	18	18

### Ordering Guide

Model	Range(bar)	Output	Screw Thread	Electric connection	Other requirement
PT124B-2511 PT124B-2512 PT124B-2513 & 2521	---	---	---	---	---
Example: PT124B-2511-600Bar-4/20mA-Flange-Direct shield cable					

### Specifications

- **Pressure range:** 6bar, 10bar, 20bar, 50bar
- **Output:** 4-20mA, 0-5V/10V, 2mV/V, 3.33mV/V
- **Supply voltage:** 12-36VDC; 10VDC
- **Accuracy:** 0.25%FS, 0.5%FS, 1.0%FS
- **Diaphragm material:** 316L
- **Cover material:** 304, 304L
- **Operating temperature:** 0-80°C
- **Process connector:** Flange type, hold-down type
- **Electrical connector:** 4PIN, 6PIN, 7PIN connector