

Pressure Transmitter Data Sheet

Industrial Pressure Transmitter

Model: CMPT124B-217

Introduction

◆ Adopting the special sensor chip with exact accuracy and high stability, CMPT124B-217 (coupling connection type) is suitable for pressure measuring and controlling in the clean asepsis conditions and the conditions which are easy to block.

Application

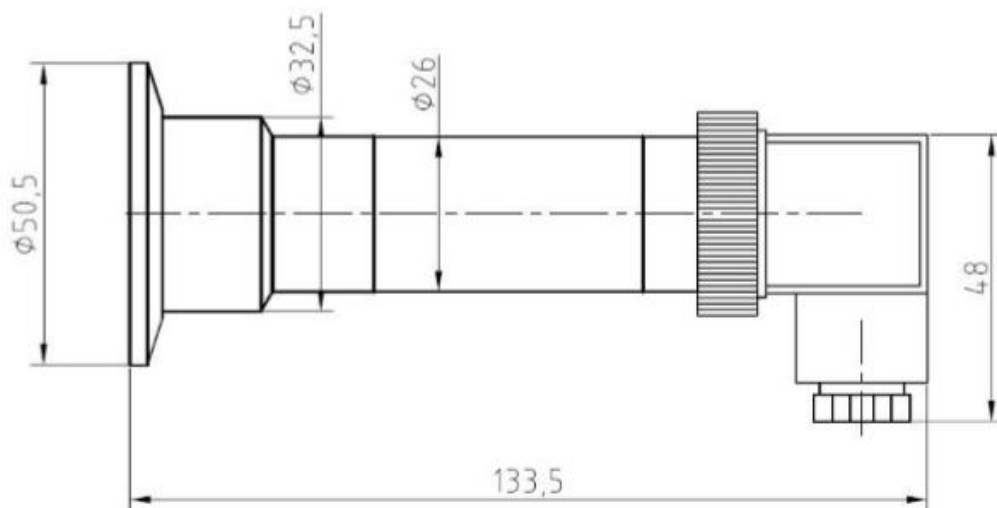
- ◆ Process engineering
- ◆ Chemical industry
- ◆ Foodstuff industry
- ◆ Paper industry

Features

- ◆ Pressure Range: -1...0...100bar
- ◆ Various signal output for industrial standard
- ◆ Wide pressure range
- ◆ High accuracy, high stability
- ◆ compact dimension design with.



Dimensions(mm):



Remark: Above dimensions only for you reference and we can tailor the appearance follow the customer's requirement.


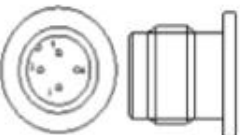
Technical Characteristics

| | |
|-------|--------------|
| Model | CMPT124B-217 |
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|-------------------------|---|
| Range | -1...0...100bar |
| Accuracy | 0.5%FS |
| Nonlinearity | 0.2%FS |
| Reliability | 0.05%FS |
| Output | 4-20mA (2 Wire) , 0-5V; 0.5-4.5V |
| Input voltage | 24(12~36)VDC (Amplify signal) |
| Operating temperature | -40~80°C |
| Compensated temperature | 0~70°C |
| Overload pressure | 150%FS |
| Medium material | stainless steel or Hardening Aluminum |
| Electric connection | Hirschman (DIN) , M12,4pin, Bendix connector, cable, etc (Customer design) |
| Process connection | 1", 1.5", 2" |

Electric Connection & wiring code

| Electric connector | 2 wire (4-20mA) | | | 3 wire (0-10V,0-5V, 0.5-4.5V) | | |
|--|--------------------|----------|-------|----------------------------------|----------|-------|
| | Pin | Function | Color | Pin | Function | Color |
| Hirschman (DIN)  Suitable $\varnothing 22, \varnothing 26, \varnothing 38$ | 1 | E+/S+ | Red | 1 | E+ | Red |
| | 2 | E-/S- | Black | 2 | S+ | Blue |
| | 3 | ----- | ----- | 3 | E-/S- | White |
| | Pin | Function | Color | Pin | Function | Color |
| M12,4Pins  Suitable $\varnothing 22, \varnothing 26, \varnothing 38$ | 1 | E+ | Brown | 1 | E+ | Brown |
| | 2 | ----- | ----- | 2 | ----- | ----- |
| | 3 | S+ | Blue | 3 | S+ | Blue |
| | 4 | ----- | ----- | 4 | E-/S- | White |
| Gland Cable | Function | | Color | Function | | Color |
| | E+ | | Red | S+ | | Blue |



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|---|-----|-------|-------|-------|
|  Suitable ϕ 22, ϕ 26, ϕ 38 | S+ | Black | E+ | Red |
| | --- | ---- | E-/S- | White |

Ordering Guide

| Model | Range (bar) | Output | Screw Thread | Electric connection | Accuracy | Diameter (mm) | Other requirement |
|--|-------------|--------|--------------|---------------------|----------|---------------|-------------------|
| CMPT124B-217 | * | * | * | * | * | * | --- |
| Example: CMPT124B-217-50Bar-4/20mA-1.5" -Hirschman | | | | | | | |

