# Pressure Measurement / Pressure Transmitter Series

Empowering Precision Measurement

## Selection Guide

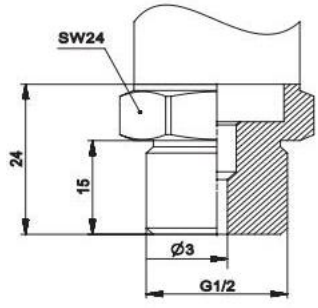
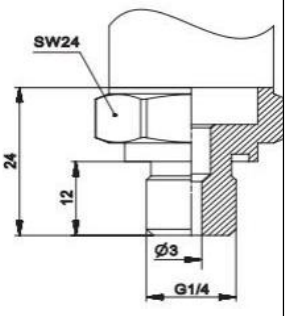
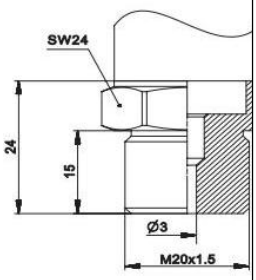
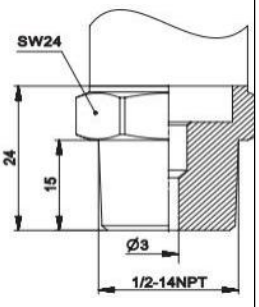
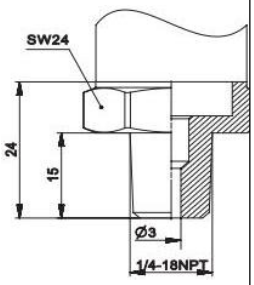
| Name | Model | Type | Photo | Characteristics |
|---|---|---|---|---|
| Ceramic Pressure Sensor Series | WESIVO -700 | Ceramic |  | Range: 0 - 350 bar<br>Accuracy: ±0.5% FS<br>Sensor Type: Ceramic Pressure Sensor<br>Feature: Cost-Effective / Economical |
| Flush Diaphragm Pressure Transmitter | WESIVO -710 | Piezoresistive Silicon |  | Range: -1 to 600 bar<br>Accuracy: ±0.2% FS<br>Wetted Parts Material: Stainless Steel<br>Suitable for viscous media and media containing solid particles. |
| Silicon Piezoresistive Pressure Sensor | WESIVO -720 | Piezoresistive Silicon |  | Range: -1 to 600 bar<br>Accuracy: ±0.5% FS<br>±0.2% FS<br>Wetted Parts Material: Stainless Steel |
| Silicon Piezoresistive Pressure Sensor | WESIVO-720HY | Piezoresistive Silicon |  | Range: 0 - 350 bar<br>Accuracy: ±0.5% FS / ±0.2% FS<br>Process Connection: Tri-Clamp Connection<br>Application: Suitable for hygienic and sanitary applications |
| Industrial Pressure Transmitter | WESIVO -728 | Piezoresistive Silicon |  | Range: -100 kPa to 20 kPa / up to 100 MPa<br>Accuracy: ±0.5% FS / ±0.2% FS<br>HDisplay: LCD Digital Display |

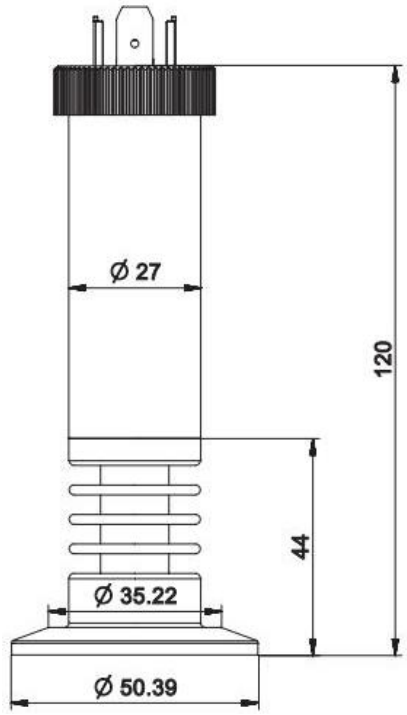
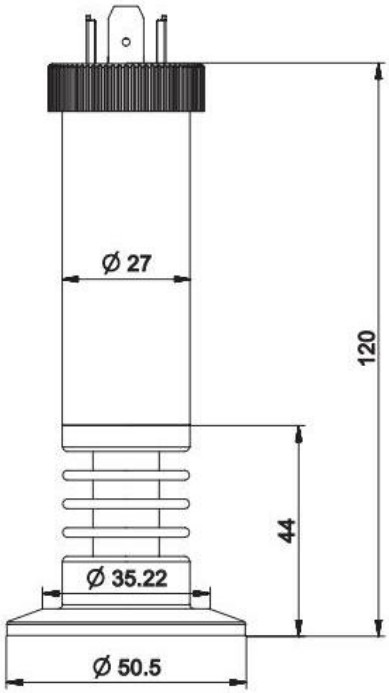
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|---|---|---|---|---|
| Silicon Piezoresistive Differential Pressure Transmitter | WESIVO -730E | Piezoresistive Silicon |  | Measuring Range: 0 - 20 kPa / 0 - 100 kPa / 0 - 2 MPa<br>Diaphragm Material: 316L Stainless Steel Isolation Diaphragm<br>Application: Suitable for differential pressure measurement |
| Smart Pressure Transmitter | WESIVO -780T | Single-Crystal Silicon |  | Measuring Range: -100 kPa…0 to 1 kPa…60 MPa<br>Pressure Type: Gauge Pressure / Absolute Pressure<br>Output Signal: 4 - 20 mA + HART® Protocol<br>Accuracy: ±0.05% FS / ±0.1% FS<br>Diaphragm Material: 316L Stainless Steel<br>Optional Diaphragm Materials: Hastelloy C / Tantalum, customizable upon request |
| Smart differential pressure transmitter | WESIVO -780C | Piezoresistive Silicon |  | Measuring Range: **-100 kPa…0 to 0.1 kPa…7 MPa**<br>Pressure Type: **Gauge Pressure / Differential Pressure**<br>Output Signal: **4–20 mA + HART®**<br>Accuracy: **±0.05% FS / ±0.1% FS**<br>Diaphragm Material: **316L Stainless Steel**<br>Optional Diaphragm Materials: **Hastelloy C / Tantalum, customizable upon request** |

| | | | | |
|---|---|---|---|---|
| Wireless Pressure Transmitter | WESIVO -728W | Piezoresistive Silicon |  | Differential Pressure Range: -100 kPa…0 to 0.1 kPa…7 MPa<br>Pressure Range: -100 kPa…0 to 1 kPa…100 MPa<br>Communication Protocol: MQTT<br>Wireless Communication: LoRa / Wi-Fi / Bluetooth<br>Transmission Type: Wireless |

Professional Pressure Transmitter Manufacturer with 15+ Years of Customization Experience

We offer a wide range of pressure transmitter solutions for different industrial applications. The products shown above are our standard models. Customized pressure transmitters can also be provided according to your requirements, including pressure range, output signal, process connection, electrical connection, material, accuracy and other specifications.

| Other Specifications | | | | |
|---|---|---|---|---|
| **Parameter** | **Specification** | | | |
| Output | Linear Output | | 4-20MA 0-5V RS485 0-10V | |
| Long-Term Stability | ±0.2% FS/year | | | |
| Signal Resolution | 0.001 mA / 0.002 V | | | |
| Housing Material | 304 Stainless Steel | | | |
| Diaphragm Material | 316L Stainless Steel | | | |
| Protection Rating | IP65/IP68 | | | |
| Operating Temperature | -30 to +85°C | -30-155°C | | |
| Response Time | 5 ms | | | |
| EMC / Interference Immunity | Complies with EN 61326-1:2013 | | | |
| Process Connection Dimension Drawing | | | | |
|  |  |  |  |  |
| **G1/2** | **G1/4** | **M20*1.5** | **NPT1/2** | **NPT1/4** |

| | | |
|---|---|---|
|  | |  |
| **1.5" Tri-Clamp Connection<br>Standard: ASME** | | **1.5" Tri-Clamp Connection<br>Standard: DIN 32676 or ISO 2852** |
| **Customized 2" clamp connections and various standard threads are available upon customer request.** | | |

| **Certifications & Quality Assurance** |
|---|
| All products comply with applicable CE requirements and have obtained intrinsic safety explosion-proof certification. Our company is certified to the ISO 9001 Quality Management System. All products are designed, manufactured and inspected under strict quality control procedures to ensure consistent quality and reliable performance. |
| WESIVO 780C **Flanged Differential Pressure Transmitter Series** |
|  |

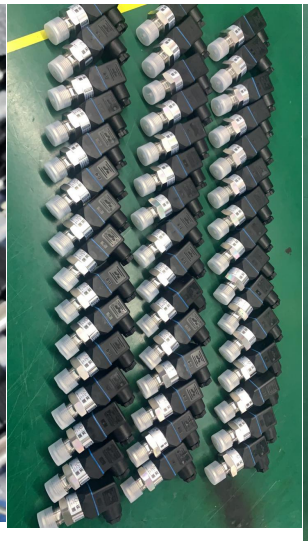
## Customized Flange & Capillary Options

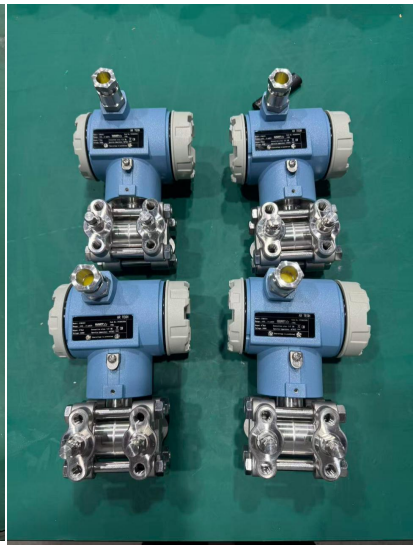
**Customized flange seals and remote capillary systems are available according to the customer's process conditions, installation dimensions and project standards. Flange material, diaphragm material, size, pressure rating, capillary length and connection standard can all be customized.**

**Flange Type:** Single Flange / Dual Flange / Remote Seal / Customized Design
**Flange Material:** SS304 / SS316 / Custom Material
**Diaphragm Material:** SS316L / Hastelloy C / Tantalum / PTFE / Custom
**Flange Size:** DN25 / DN40 / DN50 / DN80 / DN100 / DRD / Custom
**Flange Standard:** GB / HG / DIN / EN / ASME B16.5 / ANSI / JIS B 2220 / API / Customer Specified
**Pressure Rating:** PN10–PN100 / Class 150–900 / JIS 10K–20K / Custom
**Capillary Length:** Standard 3 m / 5 m / 10 m / Customized Length
**Fill Fluid:** Silicone Oil / High-Temperature Silicone Oil / Low-Temperature Fill Fluid / Custom
**Special Design:** Available according to customer drawings, specifications and project requirements

**OEM & Custom Engineering Available — Special flange standards, diaphragm materials, process connections and remote seal configurations can be manufactured according to customer requirements.**

### Customization Gallery







## CUSTOMIZATION CAPABILITIES

Professional Custom Solutions for Pressure & Differential Pressure Transmitters

| Pressure Range | Accuracy | Process Connection |
|---|---|---|
| Customizable | ±0.05% / ±0.1% / ±0.2% FS | Thread / Flange / Tri-Clamp |
| **Output Signal** | **Materials** | **Communication** |
| 4–20 mA / 0–10 V / RS485 | SS316L / Hastelloy C / Tantalum | HART / RS485 / LoRa / Wi-Fi / Bluetooth |

**OEM & ODM AVAILABLE**

**15+ Years of Customization Experience**

Custom Drawings · Special Materials · Customized Connections · Technical Solutions

**Tell us your application requirements — we'll provide the right solution.**

**Shaanxi Wesivo Technology Co., Ltd.**
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