The AST4000 series 4-20mA / voltage pressure transducer, with its welded stainless steel housing and many electrical connections, can be packaged for virtually any OEM pressure transducer application.

**Sensors > Pressure Sensors > Pressure Transducers**

The AST4000 series 4-20mA / voltage pressure transducer is an OEM pressure transmitter that includes a welded stainless steel housing and many electrical connections to make it suitable for many industrial applications.

Pressure Transducer Sensor Type: **Industrial Pressure Transducers**

Pressure Range: 0 - 25 to 10000 psi

Output/Span: .5 - 4.5 V, 1 - 5 V, 1 - 6 V, 10 mV/V, 4 - 20 mA

Pressure Transducer Type: **Compound, Gage, Sealed**

Pressure Transducer Accuracy: ±0.5% FSO

The AST4000 series 4-20mA / voltage pressure transducer remains the most popular pressure transmitter configuration and can be used in virtually any OEM industrial application.

Voltage and current output signals are available in all products.

**Benefits**

- High Strength Stainless Steel Construction
- No Oil, Welds or Internal O-rings
- Wide Operating Temperature
- Pressures up to 10,000 PSI
- Low Static and Thermal Errors
- Unparalleled Price and Performance
- Compatible with Wide Variety of Liquids and Gases
- EMI/RFI Protection
- UL/cUL 508 Approved (with housing)

Applications
- Industrial OEM Equipment
- Water Management
- Pneumatics
- Hydrogen Storage
- Sub Sea Pressure
- HVAC/R Equipment
- Control Panels
- Hydraulic Systems
- Data Loggers

Features

### Product Type Features

<table>
<thead>
<tr>
<th>Pressure Transducer Sensor Type</th>
<th>Industrial Pressure Transducers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure Transducer Type</td>
<td>Compound, Gage, Sealed</td>
</tr>
</tbody>
</table>

### Configuration Features

<table>
<thead>
<tr>
<th>Electrical Connection</th>
<th>6 Pin Bendix PT06A, Cable 10 ft, Cable 2 ft, Cable 4 ft, Cable 6 ft, DIN 43650A, Deutsch DT04-3P, Deutsch DT04-4P, M12x1, Mini-DIN 43650C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure Port/Fitting</td>
<td>1/2 MNPT, 1/4 FNPT, 1/4 MBSP, 1/4 MNPT, 1/8 MNPT, 7/16-20 UNF Female, 7/16-20 UNF Male, G1/4 3852 Male</td>
</tr>
</tbody>
</table>

### Electrical Characteristics

| Pressure Transducer Supply Voltage (V) | 10 - 28, 4.75 - 5.25, 5 |

### Body Features

| Port Material                  | 17-4PH, 316L, Alloy 718, Alloy C276 |

### Usage Conditions

<table>
<thead>
<tr>
<th>Operating Temperature Range (°C)</th>
<th>-40 - 85</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature Range (°F)</td>
<td>-40 - 185, -40 - 185</td>
</tr>
</tbody>
</table>

### Operation/Application

| Overpressure | 2X, Min |

For support call +1 800 522 6752
Pressure Range | 0 - 25 to 10000 psi
Output/Span | .5 - 4.5 V, 1 - 5 V, 1 - 6 V, 10 mV/V, 4 - 20 mA
Pressure Transducer Accuracy | ±0.5% FSO

**Other**

Options | Increased Proof Pressure, Schraeder Fitting, Sealed Gage, Snubber, Special Connectors, Special Threads Custom Outputs

**Reference Number**

| TE Internal Number | CAT-PTT0040 |

**Related Materials**

**Specification Or Standard**

- Installation/Wiring Document for AST Pressure Sensors
- English

**Customer View Model**

- English

**Agency Approval Document**

- EU Declaration of Conformity (DOC)
- English

**Data Sheet**

- AST4000 Datasheet
- English

**Agency Approval Document**

- DNVGL_TypeApprovalCert_TAA0000073
- English

**Agency Approval Document**

- American Bureau of Shipping (ABS) Confirmation of Product Type Approval-Ordinary Location
- English

**Instruction Sheets**

- Installation / Wiring Guide
- English

**Also in the Series** | AST4000