



AST | AST4300

TE Internal #: 11105894-00

TE Internal Description: AST4300A00500P4L1000:CTO-13000000-03

Non-Incendive Pressure Transducer

[View on TE.com >](#)

Sensors > Pressure Sensors > Pressure Transducers > Non-Incendive Pressure Transducer



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

Pressure Range: **0 – 500 psi**

Hazardous Area Approval: **Non-Incendive**

Pressure Type: **Gauge**

Pressure Transducer Supply Voltage: **10 – 28 V**

[All Non-Incendive Pressure Transducer \(103\)](#)

Features

Product Type Features

| | |
|---------------------------------|--------------------------------|
| Pressure Transducer Sensor Type | Industrial Pressure Transducer |
| Pressure Type | Gauge |

Configuration Features

| | |
|-----------------------|--------------|
| Electrical Connection | Conduit 2 ft |
| Pressure Port/Fitting | 1/4 MNPT |

Electrical Characteristics

| | |
|------------------------------------|-----------|
| Pressure Transducer Supply Voltage | 10 – 28 V |
|------------------------------------|-----------|

Dimensions

| | |
|------------|---------------------------|
| Dimensions | Dia 22.22 mm[Dia .875 in] |
|------------|---------------------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Pressure | 34.47 bar[500 psi] |
| Operating Temperature Range | -40 – 80 °C[-40 – 176 °F] |

Operation/Application

| | |
|----------------------|-------------|
| Proof Pressure Range | 2X, Min |
| Pressure Range | 0 – 500 psi |
| Output/Span | 4 – 20 mA |

Pressure Accuracy $\pm 0.25\%$ FSO

Industry Standards

| | |
|---|---------------|
| Compatible With Agency/Standards Products | UL |
| Hazardous Area Approval | Non-Incendive |

Other

| | |
|----------------|-----------|
| Sensor Options | No Option |
|----------------|-----------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not reviewed for solder process capability |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Also in the Series | AST4300



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_11105894-00_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_11105894-00_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_11105894-00_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AST4300 Pressure Transducer Datasheet](#)

English