



[AST](#) | [AST4520](#)

TE Internal #: 11108499-00

TE Internal Description: AST4520Y00010P4X1354-SS:CTO-13000000-03

[View on TE.com >](#)

Sensors > Pressure Sensors > Pressure Transducers



Pressure Transducer Sensor Type: **Liquid Level Pressure Transducers**

Pressure Range: **0 – 10 psi**

Pressure: **.68 bar [10 psi]**

Output/Span: **4 – 20 mA**

Pressure Type: **Gage**

Features

Product Type Features

| | |
|---------------------------------|-----------------------------------|
| Pressure Transducer Sensor Type | Liquid Level Pressure Transducers |
| Pressure Type | Gage |

Configuration Features

| | |
|-----------------------|----------------------|
| Pressure Port/Fitting | G1/2 With Steel Cage |
|-----------------------|----------------------|

Electrical Characteristics

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

Body Features

| | |
|---------------|------|
| Port Material | 316L |
|---------------|------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Pressure | .68 bar[10 psi] |
| Operating Temperature Range | -40 – 80 °C[-40 – 176 °F] |

Operation/Application

| | |
|----------------------|------------|
| Proof Pressure Range | 2X, Min |
| Pressure Range | 0 – 10 psi |
| Output/Span | 4 – 20 mA |
| Pressure Accuracy | ±0.25% FSO |

Other

| | |
|--|--|
| | |
|--|--|



| | |
|---------|--------------------------|
| Options | Increased Proof Pressure |
|---------|--------------------------|

Product Compliance

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

| | |
|-----------------------------------------------|-----------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU | Not Yet Reviewed |
| 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: JUL 2021 (219) Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not reviewed for solder process capability |

Product Compliance Disclaimer

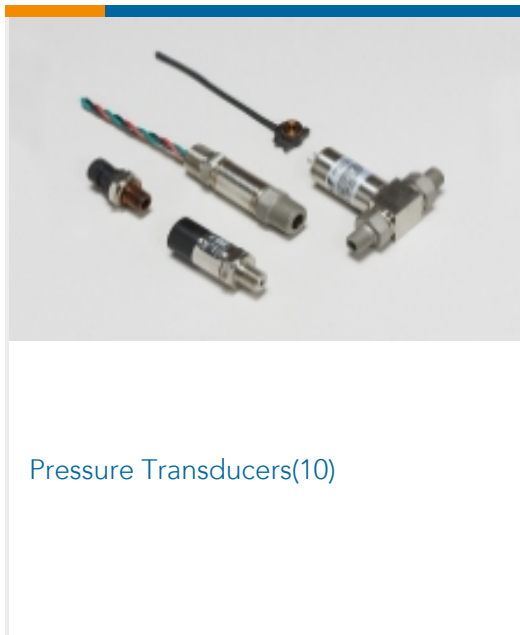
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

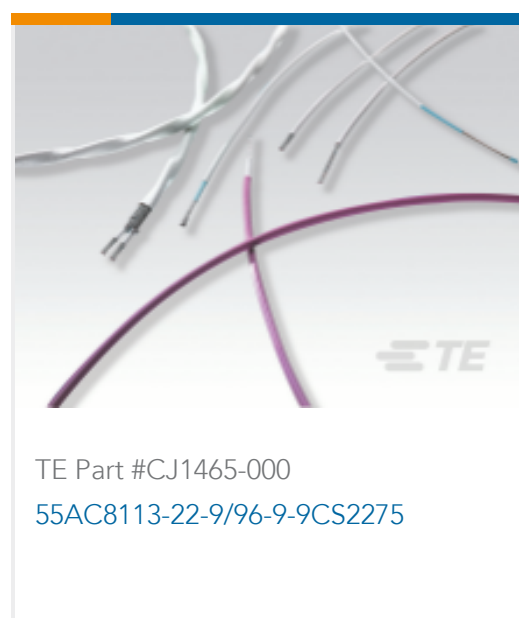
| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 11108482-00 AST4520T00208H4X1353:CTO-13000000-03</p> |  <p>TE Part # 11108487-00 AST4520Y00005P4X1353-SS:CTO-13000000-03</p> |  <p>TE Part # 11108500-00 AST4520Y00010P4X1355:CTO-13000000-03</p> |  <p>TE Part # 11108506-00 AST4520Y00015P4X1354:CTO-13000000-03</p> |
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Also in the Series | AST4520



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_11108499-00_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_11108499-00_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_11108499-00_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AST4520 Datasheet](#)

English