



AST | [AST4500/4510](#)

TE Internal #: 11108405-00

TE Internal Description: AST4510L00208H4X1074-SS:CTO-13000000-03

IS Rated Submersible Transducer

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Sensors > Pressure Sensors > Pressure Transducers > IS Rated Submersible Transducer



Pressure Transducer Sensor Type: **Industrial Pressure Transducer, Submersible Pressure Transducer**

Pressure Range: **0 – 208 psi**

Pressure Type: **Gauge**

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

Output/Span: **4 – 20 mA**

[All IS Rated Submersible Transducer \(33\)](#)

Features

Product Type Features

Pressure Transducer Sensor Type	Industrial Pressure Transducer, Submersible Pressure Transducer
Pressure Type	Gauge

Configuration Features

Electrical Connection	Conduit 25 ft
Pressure Port/Fitting	Nose Cone

Electrical Characteristics

Pressure Transducer Supply Voltage	10 – 28 V
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Dimensions

Dimensions	Dia 22.22 mm[Dia .875 in]
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Usage Conditions

Pressure	14.34 bar[208 psi]
Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]

Operation/Application

Proof Pressure Range	2X, Min
Pressure Range	0 – 208 psi

Output/Span	4 – 20 mA
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Pressure Accuracy	±0.25% FSO
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Industry Standards

Compatible With Agency/Standards Products	UL
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Other

Sensor Options	IP68 Protection
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Not Yet Reviewed
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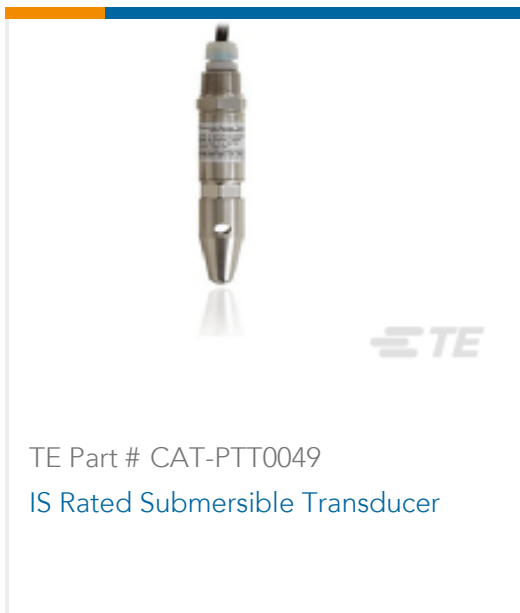
Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not reviewed for solder process capability
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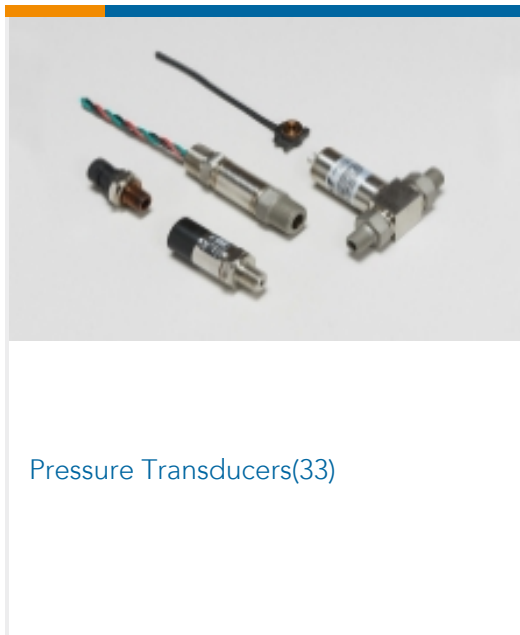
Product Compliance Disclaimer

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



Also in the Series | [AST4500/4510](#)



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_11108405-00_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_11108405-00_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_11108405-00_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AST4500/AST4510 Datasheet](#)

English