AST20HAW20000P4Y0N000 ✔ ACTIVE

AST | AST20HA

TE Internal #: 11100841-00

Industrial Pressure Transducer, Gauge, 4 – 20 mA Output Signal, 2X, Min Proof Pressure Range, AST20HA

View on TE.com >

Sensors > Pressure Sensors > Pressure Transducers > 0.1% Accuracy Pressure Transducer



Pressure Sensor Type: **Industrial Pressure Transducer**

Pressure Type: **Gauge**

Output Signal Type: **4 – 20 mA**

Pressure: **1378.9 bar [20000 psi]**

Supply Voltage Range: **10 – 28 V**

All 0.1% Accuracy Pressure Transducer (24)

Features

Product Type Features

Pressure Sensor Type	Industrial Pressure Transducer
Pressure Type	Gauge

Configuration Features

Electrical Connection	M12x1

Electrical Characteristics

Supply Voltage Range	10 – 28 V

Body Features

Port Material	17-4PH

Dimensions

Product Diameter	25.4 mm[1 in]
Product Length	109.9 mm[4.33 in]

Usage Conditions

Pressure	1378.9 bar[20000 psi]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Output Signal Type	4 – 20 mA

Proof Pressure Range	2X, Min
Pressure Accuracy	±0.1% FSO

Other

Sensor Options	No Option
Port Fitting	F250C Female

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	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (10% in Component) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (3.91% in Component) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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



TE Part # CAT-PTT0037
0.1% Accuracy Pressure Transducer

Also in the Series | AST20HA



Industrial Pressure Transducers(24)



Pressure Transducers(24)

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



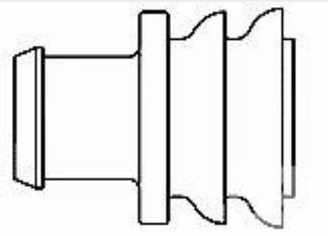
TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_11100841-00_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_11100841-00_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_11100841-00_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

AST20HA Datasheet

English