

STELLAR TECHNOLOGY  
INCORPORATED

237 Commerce Drive  
Amherst, NY 14228 • USA

Tel: 716.250.1900

Fax: 716.250.1909

Web: stellartech.com

Email: info@stellartech.com

Links

STI  
Home  
Page

Product  
Listing

Hazardous  
Location  
Info



## Oil & Gas HAZARDOUS LOCATION SOLUTIONS Pressure and Temperature



### Stellar Technology Provides...

... a complete offering of pressure and temperature transducers and transmitters designed for the broad range of hazardous conditions which exist in many oil and gas applications.

### Application Solutions for:

- Natural Gas Compressors
- Wellhead Monitoring
- Gas Cabinets
- Lift Stations
- Petrochemical
- Hydrogen Systems
- Metering Pump Modules
- LNG Storage
- Petrochemical Processing
- Light Hydrocarbon Recovery
- High-Pressure Wells
- Refinery Process Modules

### If You Require:

- CSA (CAN/US) Intrinsically Safe Rating
- CSA (CAN/US) Explosion Proof/Flame Proof
- ATEX Intrinsically Safe
- ATEX Explosion Proof/Flame Proof
- Secondary Containment which complies with ANSI / ISA 12.27.01 - 2003



CSA Approved  
Intrinsically Safe for  
Class1 Div1  
Groups A,B,C,D



CSA Approved  
Explosion Proof for  
Class1 Div1  
Groups A,B,C,D



CSA File No.  
1978788  
for compliance to  
ANSI/ISA  
12.27.01 - 2003  
requirements.



ATEX Approved  
Intrinsically Safe for  
II 1 G EEx ia IIC T5



ATEX Approved  
Flame Proof for  
II 1 G EEx d IIC T5

Your "Application-Solution<sup>SM</sup>" Source

# Hazardous Location Solutions *For Pressure and Temperature*



Legend: ● - standard  
○ - available option

SPECIFICATIONS / FEATURES	GT2450	Hammer Union	GT2250	GT23XX	GT2450	GT25XX	GT2250
Pressure		●	●	●	●	●	●
Temperature	●			○			
Intrinsically Safe -- CSA (CAN/US) CL1, Div 1&2, GR A,B,C,D		●	●	○	○		●
Explosion Proof -- CSA (CAN/US), CL1, Div 1&2, GR A,B,C,D	○	○	○		○	●	
Intrinsically Safe -- ATEX Certified to EEx ia IIC T5	●	○			●	○	○
Explosion Proof -- ATEX Certified to EEx d IIC T5				●			
Complies with ANSI/ISA 12.27.01 - 2003	○		○	○	○	●	○
Dual seal with secondary containment to 6,000 psi WP				○	○	●	○
Marked "Dual Seal"				○	○	●	
Pressure Ranges (5 to 6,000 psi)				○	○	●	
Pressure Ranges (5 to 30,000 psi) (500 to 20,000 psi for GT23XX)			●	●	●	●	●
Pressure Ranges (5000 PSIG - 20,000 PSIG)		●					
Working Pressure (10,000 PSI - maximum)	●						
Accuracy - 0.25% FSO		●	●	●	●	●	●
Accuracy - 0.1% FSO			○	○	○	○	○
Temperature Accuracy (±1.0°F or 1%, whichever is greater)	●						
Current Output (4-20 mA, 2-wire)	●	●	●	○	●	○	●
Voltage Output (0-5 VDC; 0-10 VDC)	○			○		○	
Digital Output (RS232; RS485; MODbus, CANbus)	○			○		○	
Customer specified process connection	○	○	○	○	○	○	○
1502, 2002, 2202 process connection		●		●			
Electrical connection (1/2" NPT conduit fitting)		○	○	●*	○	●	○
Electrical connection (DIN 43650) (I.S. Configurations Only)	○		○		○		●
Zero and span pots (I.S. Configurations Only)			○		○		○
Inconel Wetted Parts	○	●	○	○	○	○	○
Stainless steel construction	●	●	●	●	●	●	●
Shock and vibration protected	●	●	●	●	●	●	●

\*female only

Note: Meets requirements to the Canadian Electric Code rules 18-092, 18-108, 18-158, J18-108, J18-158 which states: "Secondary seals shall be provided, between devices containing a primary seal and conduit or cable seals, where fatigue or a single component in the device containing the primary seal could allow passage of process fluids". With Stellar Technology, Inc.'s, secondary seal design customers are free of concern about the status of the current STANADATA variance of February 14, 2007. (Reference CSA File No. 1978788)



Due to the nature of technology, changes are inevitable. For latest technical specifications, see our website.

Copyright © Stellar Technology Incorporated • All Rights Reserved  
HiLite Sheet P/N: 228030A

237 Commerce Drive • Amherst, NY 14228 • USA  
Tel: 716.250.1900 • Fax: 716.250.1909  
Email: info@stellartech.com

