EXPLOSION-PROOF PRESSURE TRANSMITTER

HART®, Push Button Configuration, Rangeability (100:1)

### MODEL CHART

<table>
<thead>
<tr>
<th>Example</th>
<th>3200G-2-FM-3-1-LESS2A105S2-05-LCD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>3200G</td>
</tr>
<tr>
<td>Range</td>
<td>1-14.5 to 21 psig (factory set 0 to 21 psig) -14.5 to 217 psig (factory set 0 to 217 psig) 0 to 725 psig 0 to 3600 psig 0 to 8500 psig</td>
</tr>
<tr>
<td>Approval</td>
<td>FM approved ATEX approved Weatherproof only (Only available with 316 SS housing)</td>
</tr>
<tr>
<td>Process Connection</td>
<td>1/2 female NPT 1/2 female NPT</td>
</tr>
<tr>
<td>Electrical Connection</td>
<td>1/2 female NPT</td>
</tr>
<tr>
<td>Diaphragm Seal Type</td>
<td>LED 1 extended diaphragm seal direct mount 1 extended diaphragm seal capillary type high 1 flush diaphragm seal direct mount 1 flush diaphragm seal capillary type</td>
</tr>
<tr>
<td>Mounting Flange</td>
<td>S2 2” (50 mm) 316L SS S3 3” (80 mm) 316L SS</td>
</tr>
<tr>
<td>Mounting Flange Rating</td>
<td>ANSI class 150# ANSI class 300# DIN PN 10/16 DIN PN 25/40 JIS 10 K JIS 20 K</td>
</tr>
<tr>
<td>Extension Length</td>
<td>00 No extension (standard for flush mount) 05 2” extension 10 4” extension 15 6” extension</td>
</tr>
<tr>
<td>Diaphragm Material</td>
<td>S316L SS diaphragm PTFE and 316L SS diaphragm Hastelloy C-276 diaphragm Tantallum diaphragm</td>
</tr>
<tr>
<td>Fill Fluid</td>
<td>2 Silicon oil (-40 to 400°F)</td>
</tr>
<tr>
<td>Capillary Length</td>
<td>XX 0 to 20 feet</td>
</tr>
<tr>
<td>Options</td>
<td>LCD 5 digit LCD SSH 316 SS housing (only available with WP approval) NIST NIST calibration CC Custom calibration</td>
</tr>
</tbody>
</table>

### CUSTOM CALIBRATION VALUES

<table>
<thead>
<tr>
<th>Primary Units</th>
<th>Upper Range Limit</th>
<th>Lower Range Limit</th>
<th>Damping Time</th>
<th>Display Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>in w.c., ft w.c., mm w.c., in Hg, psig, g/cm², kg/cm², Pa, kPa, bar, mbar, Torr, Atrn, mm Hg</td>
<td>20 mA value</td>
<td>4 mA value</td>
<td>0 to 60 seconds</td>
<td>Primary unit, %, mA, rotate</td>
</tr>
</tbody>
</table>

### MODEL DEVCOM2000

HART® COMMUNICATION PROTOCOL SOFTWARE

Includes USB HART Modem

The MODEL DEVCOM2000 HART® Communicator Software turns your PC into a full-featured HART® communicator. Now it is possible to configure transmitters and control valves at the desktop or in the field. DevCom2000 uses device descriptions (DDs) to retrieve data that is stored in the memory of smart field devices. This software is a simple, reliable and secure method to add new measurement values to control systems without the need of additional wires. This software eliminates the need to purchase and maintain a separate handheld HART® communicator.

### FEATURES/BENEFITS

- Complete DD library
- Includes USB HART modem
- USB 1.1 and 2.0 compatible
- Self powered modem

### APPLICATIONS

- For use with pressure transmitters and control valves in:
  - Water and wastewater
  - Chemical and petrochemical
  - Oil and gas
  - Pulp and paper
  - Food and beverage

### SPECIFICATIONS

- HART® Communicator Software
  - DD Library: Included.
  - Generic DD: Included.
  - USB HART MODERN
    - Material: High strength ABS plastic.
    - Temperature Limits: -40 to 85°C (-40 to 185°F).
    - Humidity: 0 to 99% (non-condensing).
  - HART® Cable Length: 4’ (1.2 m).
  - HART® Cable Connectors: Mini-grabber.
  - USB Cable Length: 18” (0.5 m).
  - USB Cable Connector: USB Type A.
  - USB: USB 1.1, USB 2.0.
  - Power: USB port provides power to unit.
  - Current Draw: 20 mA.
  - Output: 600 mVpp.
  - Leakage: < 10 uA.
  - Isolation Voltage: 1500 VDC.
  - HART®: HART® 4, HART® 5, HART® 6, HART® 7, HART® Physical Layer Spec HCF_SPEC-54.
  - Weight: 3 oz (85 g).
  - Agency Approvals: CE.

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