



## DIGITAL LINE OF PRESSURE, LEVEL AND TEMPERATURE TRANSMITTERS

### SERIES 400, 500, 600, 700, 800, 900



Series 400, 500, 600, 700, 800, 900  
Digital Line of Pressure,  
Level and Temperature Transmitters

#### FEATURES:

- 400 Series: HART Communication
- 500 Series: CANbus or CANopen
- 600 Series: USB output
- 700 Series: RS485 ASCII or Modbus output
- 800 Series: RS232
- 900 Series: SDI-12

#### APPLICATIONS:

- Off-shore platforms
- Remote tank monitoring
- Shipboard applications
- Oil field vehicle controls
- Automotive test stands
- Laboratory R&D

#### PRODUCT OVERVIEW:

GP:50's line of Digital output Pressure, Level and Temperature Transmitters is among the most extensive available in the marketplace.

Our Engineering team continues to lead the industry with innovative pressure and temperature measurement options including USB, and SDI-12 transmitters as well other well-established digital protocols such as CANbus and HART. These digital protocols can be provided on most of our current line of analog output pressure and temperature transducers.



# DIGITAL LINE OF PRESSURE, LEVEL AND TEMPERATURE TRANSMITTERS



**HART**

**CANBUS J1939/  
OPEN PROTOCOL**

**USB PROTOCOL**

**RS485**

**RS232**

**SDI-12**

**411**

**540/543**

**611/612**

**700**

**800**

**913**

**MODELS**

**MODELS**

**MODELS**

**MODELS**

**MODELS**

**MODELS**

411/411X/P,  
412

540, 543, 370  
371, 370-QX

611, 612

711

811

913

**PRESSURE/TEMP RANGE**

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**PRESSURE/TEMP RANGE**

**PRESSURE/TEMP RANGE**

50 thru 100K PSI  
Ranges in PSISG,  
PSIA & PSIV

0 to 30" WC thru  
0 to 15K PSI  
Ranges in PSIG, PSIS,  
PSIA, PSIV

- Model 611: 0-1 thru 0-15K PSIG
- Model 612: 0-20K thru 0-100K PSIG

0 to 30" WC thru  
0 to 15K PSI (0-1,034  
BAR) PSIG, PSIS, PSIA,  
PSIV & compound  
ranges available

0 to 3 thru  
0 to 15K PSIA, PSIG,  
PSIV, PSISG options  
(0.2 thru 1,034 BAR)

0-30" WC to 0-700'  
WC (762 mm to 213.4  
meters WC)

**FEATURES**

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Two-wire 4-20 mA  
and digital  
(HART Protocol)  
4-20 mA  
temperature output

Choice of mV, Vdc, &  
4-20 mA output  
High proof pressure  
Economically priced

- USB 1.0 & 2.0 compatible output
- Ranges from 0-1 thru 100K PSI (6,895 BAR)
- Improved accuracy to  $\pm 0.05\%$  FSO
- Field configurable
- Multi-drop compatible
- Added functionality w/Digi-Stand™ software

- Available ranges from 0-3" WC thru 0-15K PSI (75 MBAR to 1,034 BAR)
- Choice mV/V, Vdc & 4-20 mA output
- Rugged, welded, stainless steel construction
- High proof pressure
- Economically priced

- High accuracy, up to 0.5% available
- 10X overload option
- 0-5 Vdc, 0-10 Vdc, or 4-20mA output
- 4-wire isolated output option
- Secondary containment rated at 4,500 PSI (310 BAR) for ranges  $\geq 300$  PSI

- SDI-12 interface
- 0-30" WC to 0-700' WC (762 mm to 213 meters WC)
- Welded, leak-proof, 316L SS construction
- Optional 0.685" (1.7 cm) diameter
- Up to  $\pm 0.05\%$  FSO accuracy
- Optional Tefzel® jacketed cable

**APPLICATIONS**

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- Off Shore Rigs & Pumping Platforms
- Pipelines and Processing
- Shipboard and Marine Applications
- Plastics and paper

- Hydraulic & Pneumatic controls
- Die Casting
- Rolling & steel mills
- Compression skids
- Irrigation pumps pressure
- Oilfield truck pressures
- Skidded process systems

- Portable test stands
- Laboratory research
- Hydrostatic test stands
- Calibration stands

- Hydraulic & Pneumatic Controls
- Die Casting
- Rolling & Steel Mills
- Compression skids
- Irrigation pumps pressure
- Oilfield truck pressures
- Skidded process systems

- Aviation & suborbital spacecraft
- Unmanned aerial vehicles
- Helicopter & rotorcraft
- Commercial and military satellites
- Launch vehicles
- Ground & engine testing

- Remote well monitoring (Wet wells, ponds, rivers)
- Ground water monitoring
- Tank level measurements
- Water treatment
- Irrigation systems