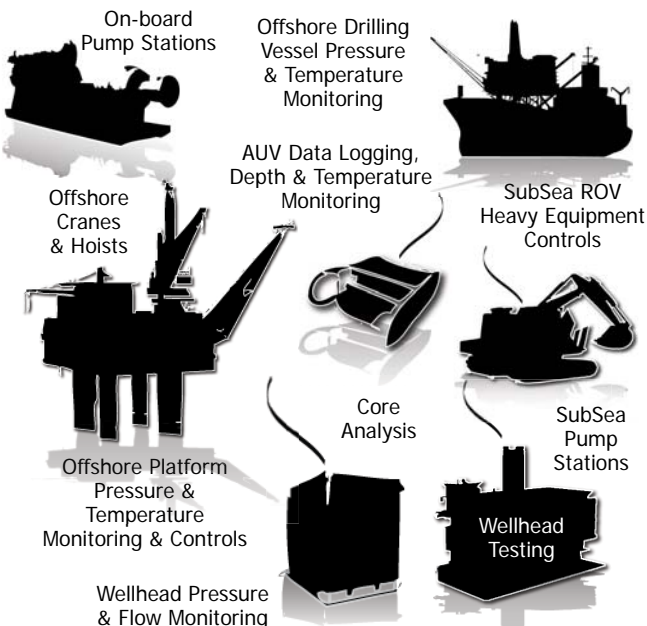


## DECADES OF INNOVATION

With external case pressures of up to **30,000 PSI**, Paine's pressure transducers, transmitters and temperature products are designed for withstanding the extreme depths used in pressure measurement and system controls for autonomous underwater vehicles (AUV), remotely-operated vehicles (ROV), Sub-Sea platforms, control valves, ocean pump stations and more.



## QUALITY, CRAFTSMANSHIP AND DECADES OF PERFORMANCE

ISO-9001/AS9100 Quality Management, Advanced Engineering, Custom Design, Product Development & Program Support Metallurgical & Material Expertise, Hybrid Manufacturing, Re-Calibration & Certification Services Customer Service, Support & Global Sales.



## STANDARD & CUSTOM OPTIONS

## PRESSURE INSTRUMENTATION FOR THE TOUGHEST APPLICATIONS

The leader in precision pressure and temperature measurement since 1951, Paine Electronics combination of proven proprietary technology and decades of experience has provided pressure and temperature instrumentation to some of the most vital, mission critical **Sub-Sea** applications world wide.

# P A I N E

Call or Email us today for more information!

## 509-881-2100

[moreinfo@paineelectronics.com](mailto:moreinfo@paineelectronics.com)



### Paine Electronics, LLC

5545 Nelpar Drive, East Wenatchee WA 98802  
Tel: (509) 881-2100 | Fax: (509) 881-2115

Visit us on the web at:

[WWW.PAINEELECTRONICS.COM](http://WWW.PAINEELECTRONICS.COM)



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Proud ISO-9001/AS9100 registered company.



Bei Rückfragen wenden Sie sich bitte an  
For requests please contact:

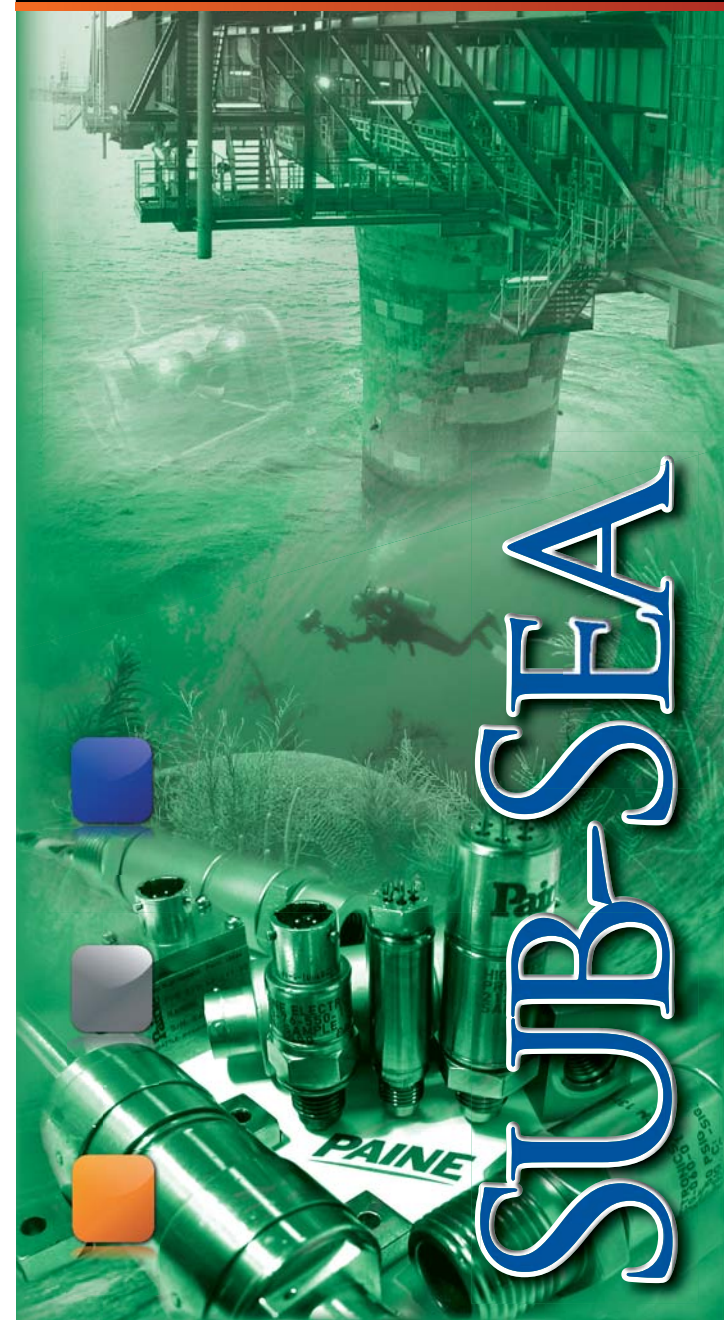
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Tel. +49(0)821-26 99 00  
FAX+49(0)821-26 990-11  
mailto: [info@hjk.de](mailto:info@hjk.de) [www.hjk.de](http://www.hjk.de)

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Publication: [peif\\_SubSeaTri-G2](#)

# P A I N E

PRESSURE TRANSDUCERS, TRANSMITTERS & TEMPERATURE PRODUCTS



# "PRESSURE INSTRUMENTATION FOR THE TOUGHEST APPLICATIONS"

## DIFFERENTIAL PRESSURE TRANSDUCERS

0-15 to 0-5,000 PSID | -65°F to +250°F

Full-line **differential pressure transducers** suitable for high shock and vibration applications with superior long-term stability, excellent repeatability. Operating at temperatures from -65°F to +250°F (-53°C to +121°C) in pressure ranges of 0-15 to 0-5000 PSID and has a very low thermal zero shift of  $\pm 0.01\%$  of full scale output per °F.

**Product Features:** Amplification, Thermal Compensation, Connection & Port Options, Special Testing and mounting accessories.



## DIGITAL "TRUE" PRESSURE TRANSDUCERS

0-5,000 to 0-30,000 PSIA | -40°F to +350°F

Microprocessor based **pressure and temperature** measurement designed to minimize additional hardware and software, the **Digital True Pressure Series** incorporates Paine's proprietary sensor technology with innovative sensor design to provide this next generation of **True Digital Pressure & Temperature output**.



**Product Features:** Digital Pressure, Digital Temperature, CANBus, RS-232, RS-485, I2C (Inter-IC) or SPI (Serial Peripheral Interface) & Port Options.



## CANBUS PRESSURE TRANSDUCERS

0-15,000 PSIS | -40°F to +185°F

**High Resolution Digital** transducers ready for Controller Area Network (CAN) Bus systems enabling device communication in the toughest environments.

Paine's digital **CANBus** series provides internal linearity, temperature correction, self test, state of health status and outputs in PSI, Bar, Pascal or other pressure units.

**Product Features:** CANBus ISO, Digital Pressure, Digital Temperature, Port & Connection Options



## TRANSMITTERS, ABSOLUTE, 4-20MA

0-1,000 to 0-20,000 PSIA | 500V Protection

Paine Electronics **Transmitter Series** offer **excellent measurement properties** and long service life with line transient protection up to **500V**.

Well suited for **remote environments** all-welded, stainless steel construction for high reliability in the toughest environments, it can be manufactured to comply with specific and critical pressure monitoring demands.

**Product Features:** 4-20mA Output, All Welded Stainless Steel, Port Options, Connection Options (**3 Wire, SEACON Sub-Sea bulkhead**).



## DIFFERENTIAL PRESSURE TRANSMITTERS

0-6,000 to 0-20,000 PSIG | -65°F to +400°F

Ideally suited for high precision applications such as **high static/low-flow measurements**, high differential, hydraulic and pneumatic test systems and where differential or gauge pressure measurements are required. Extremely rugged, hermetic all welded construction and fully calibrated to provide accurate measurements of differential or relative pressures.

**Product Features:** EMI/RF Filtering, Connection Options, Port Options, Special Testing.



## TEMPERATURE PROBES & SENSORS

-100°F to +500°F

Miniature temperature sensing products designed for the toughest environments in high temperatures and engineered for **quick thermal equilibrium**. All temperature sensors are hermetically sealed reducing the need for re-calibration or replacement due to the environment and are ideally suited for installation in restricted spaces for accurate, reliable temperature measurement.

**Product Features:** Small Form Factor, Flush Mount, Immersion Style.



TEL: 509-881-2100

EMAIL: MOREINFO@PAINEELECTRONICS.COM