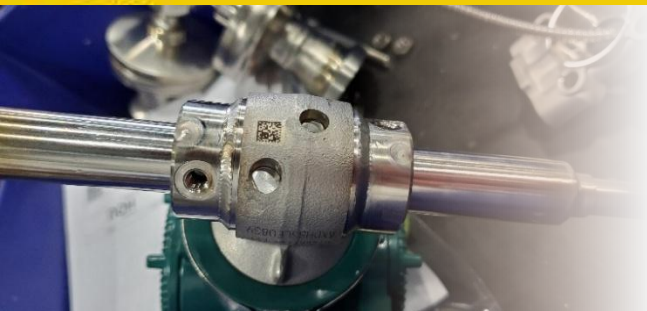




Creative Engineers, Inc.

UNITED STATES | INTERNATIONAL



High-T PT & dPT

Absolute and Differential Pressure Transmitters for High-Temperature Process Applications

ACCURATE. RELIABLE.

CEI provides **high-temperature absolute and differential pressure transmitters** designed for demanding industrial and liquid metal applications. Engineered to operate where conventional pressure instruments fail, CEI transmitters deliver reliable, accurate pressure measurement in high-temperature and corrosive process environments.

WHY CHOOSE CEI PT and dPT?



LIQUID METAL EXPERTISE

Designed by engineers with decades of experience in alkali metal process systems.



UP TO 1500 °F

Continuous operation at liquid metal temperature to 1500 °F / 815 °C.



PROCESS CONNECTIONS

Can vary by process need and can be specified by the customer.



BUILT TO LAST

Many choices of upper and lower housing, as well as diaphragm materials.



RADIATION TOLERANT

Operable in radiation fields.



LOW MAINTENANCE

Robust construction minimizes maintenance requirements and maximizes service life.



ENGINEERED FOR HARSH ENVIRONMENTS

Suitable for liquid metals, inert gases, vacuum systems, and corrosive process fluids.



CUSTOM SOLUTION

Available with application-specific capillary lengths, diaphragm materials, and mounting options.



NEW FREEDOM, PA | GREENVILLE, SC



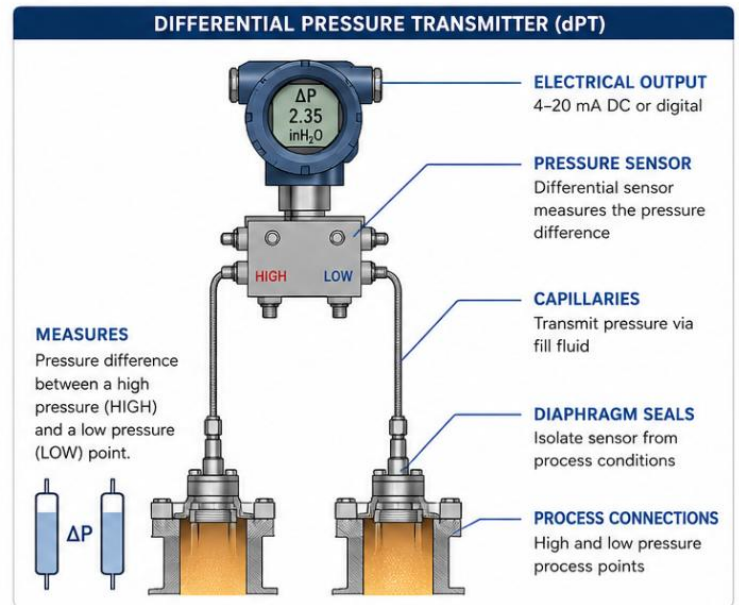
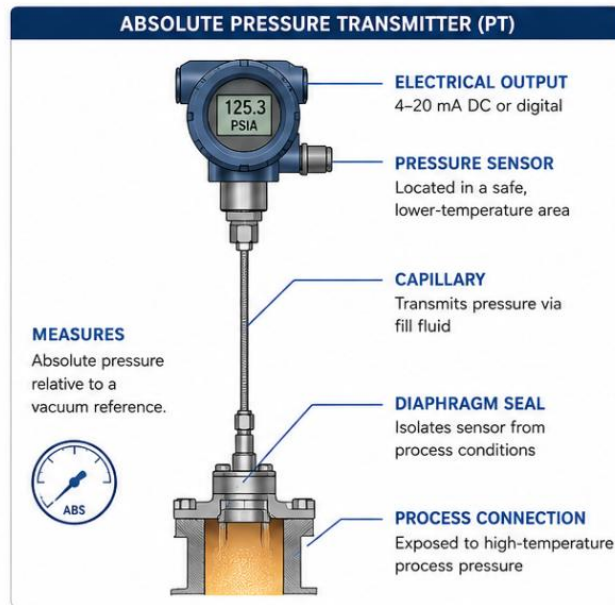
(717)235-5469



www.creativeengineers.com

PRINCIPLE OF OPERATION

CEI High-T Pressure Transmitters use a remote diaphragm seal to isolate the sensing element from extreme process conditions. Process pressure is transmitted through a sealed diaphragm and fill fluid to a remote sensor that converts the pressure to a reliable electrical output.



TYPICAL APPLICATIONS

Liquid Sodium Systems	Molten Salt Systems	Vacuum Furnaces	Pilot Plants
NaK Heat Transfer Loops	Lithium Processing	Pyroprocessing	Nuclear Research Facilities

ABOUT CREATIVE ENGINEERS, INC.

Creative Engineers, Inc. (CEI) designs, builds, and operates custom research and pilot-scale systems for alkali and other liquid metals. Backed by decades of specialized experience, our team helps clients move from concept to commercialization faster, safer, and more efficiently.



**CUSTOM
DESIGN**



**ENGINEERING &
MANUFACTURING**



**TESTING &
QUALIFICATION**



**INSTALLATION
SUPPORT**



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New Freedom, PA | Greenville, SC
15425 Elm Drive, New Freedom PA 17349
(717) 235-5469 info@creativeengineers.com

