

DIFFERENTIAL TRANSMITTER

Submersible pressure measurement

Emerson (US) announced the release of the Paine 226-30-0020 series transmitter. Designed specifically for remote submersible applications, the series meets the requirements of CiA 443.

THE SIIS Level 2 DEVICE PROVIDES A CANopen digital networking solution for the measurement of subsea media pressures and temperatures. The transmitter is fully submersible. It is constructed of all welded [Inconel](#), designed for universal mounting, and offered with a micro Subconn MCBH4F subsea connector for ease of network integration and installation. Designed to provide long-term reliable, bi-directional full-line differential pressure and temperature measurements, it is suited for extreme submersible subsea environments.

The series meets CiA 443 requirements (Photo: Emerson)

Possible applications include subsea processing, control of pod pressure and temperature, ROV controls and maneuvering, subsea hydraulic control systems, and subsea valves. The transmitter's operating temperature ranges from -4 °C to +80 °C, the temperature output is available in Celsius and Fahrenheit.