

Industrial Factory Automation

Clearwater Technologies Inc. is rapidly becoming a leader in industrial automation products distribution. CTI is one of the largest distributors of industrial controls and electrical components in Pacific Northwest USA. CTI specializes in electronic controls & automation products serving a wide range of industries.



A red banner for Netflix. On the left is the Netflix logo. In the center is a portrait of Leonardo DiCaprio. To the right of the portrait, the text reads "Watch Movies From Netflix". Further right is a yellow circular badge with "FREE TRIAL" in black. To the right of the badge is the text "Rent Shutter Island today!". At the bottom right is a blue button with a white play icon and the text "Click here".

Transducer Fits Oil And Gas Exploration Tasks

The model PT36XX subsea wellbore pressure and temperature transducer from Stellar Technology is said to be ideal for use in harsh subsea oil and gas exploration environments. It has a total error band of +/- 1 per cent of full-scale output and is designed for working pressures to 15,000lb/in² and seawater depths to 17,000ft. Both temperature and pressure sensors are located at the flush-end of the wellbore probe, a design feature that Stellar Technology said improves dynamic response and alleviates clogging.



This wellbore sensor includes dual pressure containment rated to 20,000lb/in² for increased reliability. In addition, the PT36XX is constructed with no external load-bearing welds, therefore increasing service life and improving field serviceability. The PT36XX is constructed of Inconel and 316 stainless steel. It can be configured as a pressure-only or temperature-only unit. The standard unit incorporates a 3 1/16in API flange, although customers can specify their flange of choice.

Probe lengths are available in lengths of 3in to 24in. Both probe lengths and electrical terminations are customer-specified. PT36XX is also available with dual redundant pressure sensors for particularly demanding applications. Customers can select from numerous available electrical outputs - 4-20mA, 0-5VDC, 0-10VDC - as well as digital outputs including RS232, RS485 and CANbus. Each wellbore transducer is shipped with a multi-point calibration record, traceable to NIST as standard. Material traceability is also available on request.

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