

EPWR Remote Pressure Transducer Simplifies Pressure Monitoring Installation

Introduction

The EPWR Series remote pressure transducers have remote pressure sensing capability that works in any wet/wet media application that uses 17-4 PH stainless steel. The EPWR utilizes existing plumbing runs, simplifying installation and reducing costs.



EPWR - Shown with Standard Cable and Optional Armored Cable

Installation Features

The main housing is mounted in or near a control panel, reducing the wiring runs needed for communication and power. The sensing probes are mounted remotely at the pipe, eliminating the need for plumbing and reducing costs for materials and labor. The remote sensors have a 1/4" NPT fitting with an external thread length that provides a leak-free connection and conforms to ANSI/ASME B1.20.1 standards.

The EPWR is available with 6-foot flexible armored cables. Installers can choose to pull their own wiring from the main housing in the panel to a junction box within 6 feet of the monitored area, and then connect the remote sensing probes to the junction box. This process can extend the range of the EPWR up to 40'. See the application example below.

An installer can also choose to include a ball valve in the application (customer supplied), which allows sensors to be serviced or replaced without decommissioning the pipe.

By connecting the probes with the correct connection to the HI and LO ports on the main housing, the PWR monitors both high gauge pressure and differential pressure, with an LCD to display current data. The EPWR comes with several switch-selectable pressure ranges to choose from, making the device compatible with many applications.

Installation Example

