



Product 800 Series Pressure Transmitter
Application Well Head Control Panels
Industry Oil & Gas

Challenge The pressure transmitters installed in Well Head Control Panels (WHCP) are calibrated at the factory and this helps in their internal and customer specific testing. However, after these panels are shipped and installed at the site, the customer would like to perform a re-calibration because of the expected drifts in zero value. This drift is because of the barometric pressure differences at the factory and the site. In most cases, besides re-zeroing, they would also re-calibrate it for span. Re-zeroing is also important because some of the PLCs used in these panels may get into an error state if the input values are below 4mA. Therefore, a calibration is invariably most recommended at the site.

Solution 815PT and 805PT Pressure Transmitters can easily meet the requirements, because they are field-adjustable. In the case of the 805PT, the customer can adjust the zero and span with the calibration kit and software. The 815PT, in addition to its HART capabilities, can be adjusted even more easily using the external magnetic targets. Simply applying a magnet to either the zero target or span target will reset the respective value to the current pressure that the transmitter is seeing.

805PT Calibration Kit



815PT Magnetic Targets

