

## **PRESSURE** APPLICATION

### Application

### The Challenge

### The Solution

## 805QS Pressure Switch-Transmitter

### Wellhead Pump Control and Shutdown

One of the world's leading integrated energy companies needed a product that could give them a 4-20mA signal to be the primary input for their pumping unit and also wanted a solid state switch output as an emergency failsafe device. In addition, they needed to incorporate a flush diaphragm seal to minimize cleaning operations due to paraffin buildup.

The 805QS Pressure Switch-Transmitter was almost perfect for them right out of the box. The flexible "window" type switch operation closes when the pressure is between the minimum and maximum set points and will open when the pressure is out of range high or low. This also means that if the unit loses power or stops working, the switch contact will open indicating a fault condition.

SOR also partnered with a well respected seal manufacturer to create a custom 1/2" NPT flush diaphragm seal system that allows the 805QS to maintain catalog specifications even with the seal installed. This means the 805QS provides the highest level of protection under varying process conditions.



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