

# CRE-H with Sensor, Pressure Sensor Mounting Supplement

Installation and operating instructions

US



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## 1. General

Due to the discharge design of the CRE-H pump, it is necessary to mount the pressure transducer in the discharge piping beyond the discharge flange connection.

### Caution

***Mounting the transducer on the pump discharge spool or on the pump head will result in erratic operation of the pump and "hunting" for the set point.***

The pressure transducer for your CRE-H pump has been connected to the terminal box at the factory and includes a 6 foot cable. The sensor needs to be installed into a ¼" NPT fitting in the discharge piping.



## 2. Handling, locating and installing transducers

### 2.1 Diaphragm

Do not insert anything into the end of the sensor or press or touch the diaphragm as you may damage or alter its calibration, particularly on low pressure range models.

### 2.2 Fittings and hardware

Use appropriate pressure rated fittings and hardware. Make sure you have the correct thread type and size fitting. Your sensor should have ¼" NPT threads.

### 2.3 Location

Locate the transducer where it can be readily inspected and serviced. Avoid locations with excessive vibration.

### 2.4 Installation

Installation should be made only by qualified personnel familiar with safety practices and knowledgeable with industry accepted standards relating to pressure systems. Be careful not to over-tighten when installing.

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