

## Replacement Instructions For GEMS 3100 Transducer In A Metron Eledyne FD4e Control Panel

**Tools required:** 22mm and 25mm Open end spanner, Teflon Thread Tape

**Transducer to replace:** Look at the Gems part # on the existing transducer to determine which model was used. It will either be 3100B300PG0290000F (300 PSI) or 3100B600PG0290000F (600 PSI)

**Instructions:** Close valve to controller pressure sensing line. Bleed off all water pressure in controller pressure sensing line. Disconnect cable from the top of the old pressure transducer.



Use the 22mm spanner wrench on the pressure transducer and the 25mm spanner on the brass coupling to remove the old pressure transducer. Remove any excess thread tape from the brass tee. Prepare

the new pressure transducer with thread tape (put on at least 4 layers). Install the new pressure transducer using the 22mm and 25mm spanners as mentioned above. Be sure not to cross thread the new pressure transducer in the brass tee. Tighten firmly. Reattach the cable to the top of the new pressure transducer.



Reopen valve to controller pressure sensing line. Check for leaks. If any leaks are present try tightening the transducer in the brass tee. If that doesn't work start over and try more thread tape.