

PRO-LOG AND 1500 N.M ROTARY TRANSDUCER USED TO TIGHTEN INJECTION PUMP ELEMENTS



Incorporated into a machine, the Pro-Log used with a 1500 N.m Rotary Transducer is being used to tighten, amongst other things, injection pump elements of Deutz and John Deer engines. The Pro-Log serves two purposes:

1. Via the ancillaries output it controls the motor drive.
The tightening sequence is as follows:
Turn clockwise up to 35 N.m, for setting copper gasket, 1 second delay, then turn counter clockwise to 0 N.m, then turn clockwise up to target value 70 N.m (the tolerance is up to +/-2%).
2. The final torque achieved is recorded in the Pro-Log memory. The capacity of the memory is sufficient for the working week. At the end of the week readings are downloaded to the PC together with date and time.

The machine has been working precisely and flawlessly for 4 years in the Czech company.