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Digital, Strain Gauge, Torque Wrench

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ABSTRACT

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BY: Charles M. Millner

An up-down counter, and several logic gates are used to transform signals from a strain-gauge transducer into a corresponding digital output, suitable for driving a seven-segment display.

The circuit replaces the analog-to-digital converter normally required for this type of application.

Other features are the use of standard logic devices and easy adaptability to applications that would require more or less of a degree of sensitivity for a desired output.

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