



## Torque measurement of valves

### 1. Application

In many hazardous process of power generation systems it is vital to know that control valves will operate successfully when required. Monitoring of start, stop and run torque provides a reliable, non-invasive means of determining valve health and performance.

#### Installation:

Easily installed between the valve motor drive and valve drive shaft without modifications to existing equipment.

### 2. Features

- Strain gauge enclosed and protected against overload
- Built-in amplifier with current output
- High accuracy
- Operation temperature up to 100 °C
- Flange couplings acc. to ISO 5210
- Installation without constructional modifications possible
- Protection class: IP 54
- Rust-resistant, material: 1.4542



Fig. 1: Test installation with valves

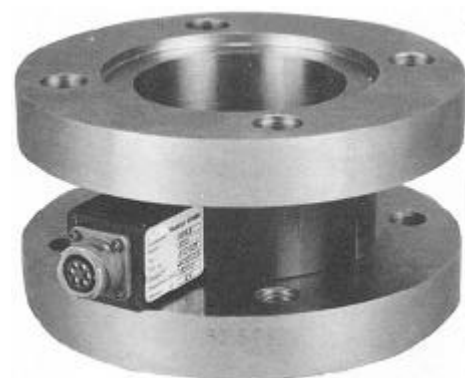


Fig. 2: Torque measuring system

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**Reactional torque transducer**

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