

# CASE STUDY: Torque Sensor

<b>INDUSTRY</b>	Valve
<b>PROJECT NAME</b>	Torque Sensor
<b>PRODUCT TYPE</b>	Feasibility Study
<b>DESCRIPTION</b>	Develop a concept for a sensor incorporating a miniaturized compliant mechanism and supporting electronics for the detection of torque in non-intrusive intelligent electric rotary valve actuators.
<b>RESULT</b>	The feasibility study delivered a) a survey of the potential torque sensing techniques that are available, and their relative suitability to the application required, b) conceptual design of a torque sensor and the definition of the performance, operating requirements, and likely cost of such a concept, c) an analysis of how the performance of this concept compares to methods currently employed.
<b>DURATION</b>	5 months

File DOC-10 / Torque Sensor

