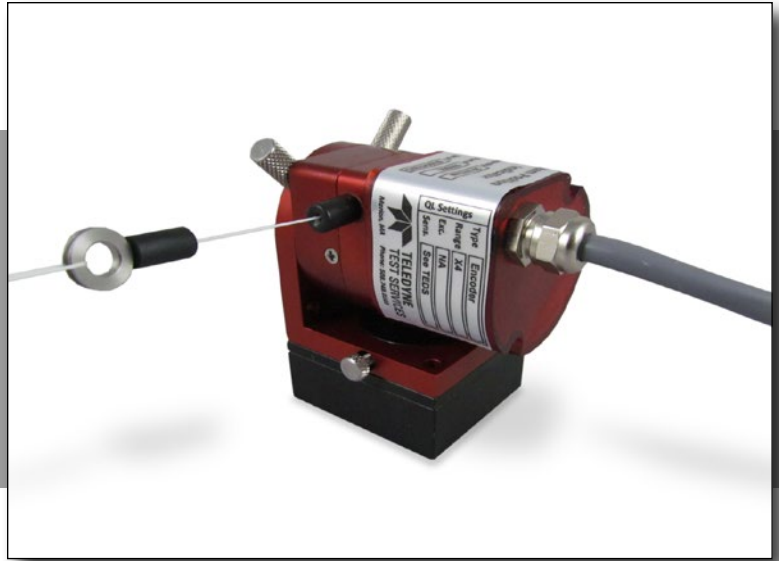


# Digital Stem Position Encoder (SPE)



## Features

- Ruggedized design
- Magnetic base for easy setup and attachment
- Adjustable orientation angle to allow proper alignment with stem travel
- 30 & 50 inch travel lengths standard
- Accuracy:  $\pm 0.04\%$  Full Scale
- TEDS Sensor Recognition (QUIKLOOK 3-FS ONLY)



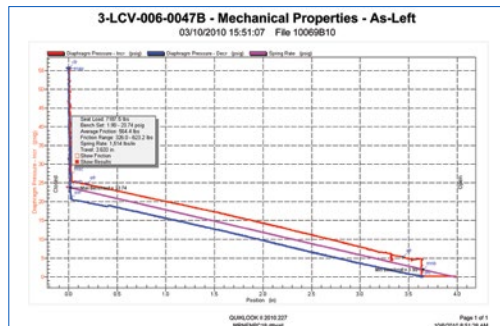
Optional Rotary Shaft Adapter shown

The Stem Position Encoder (SPE) provides the valve tester with a convenient means to accurately measure valve stem position. This custom “string pot” has a magnetic base and a variable orientation to allow the user to properly adapt to a variety of valve bodies and actuators including MSIVs, AOVs and MOVs. The SPE provides a calibrated signal for input to the QUIKLOOK Data Acquisition Systems.

The optional Rotary Shaft Adapter is a clamp-on split sheave used to provide a calibrated cable wrap diameter for conversion of rotary shaft motion to linear SPE cable motion. It includes the conversion factor for SPE output in degrees / volt.

P/N	System	Travel Distance
160564	QL3-FS	30 inch
160643		50 inch

It is available for shaft diameters from 0.375 to 1.875 inches in three ranges.



The Stem Position Encoder is available with 30 and 50 inch travel length and connects directly to the QL3-FS System.