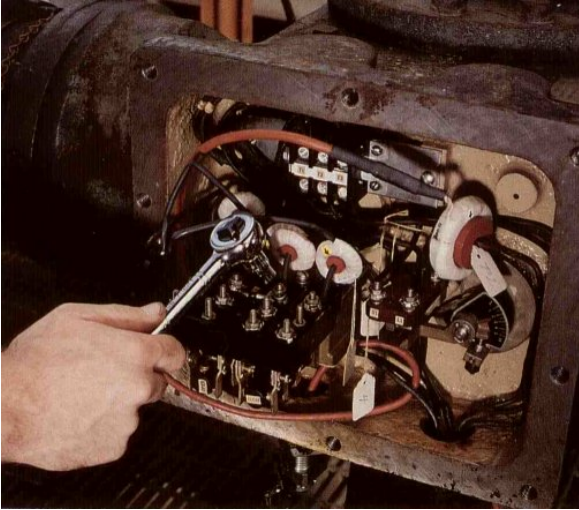


## QuickTest Cable—Installation

### *Easy Installation*

A simple attachment to the valve interface connector accesses all switches and motor current to the diagnostic system. Easy-to-follow instructions are provided with each Quicktest™ cable. Used in combination with permanently installed sensors such as the Easy Torque Thrust™ Sensor (ETT) or the VOTES™ Force Sensor, the Quicktest™ Cable allows for the measurement of all critical parameters of MOV operation.



To find out more, contact Tony Morris, Marketing Manger at 770.429.4706.

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## Allows for Quick Connect to Stem for MOV Diagnostics

The Quicktest™ cable, by CRANE Nuclear, is an assembly of current sensors designed to allow non-intrusive online testing of motor operated valves (MOVs) when permanently installed. This significantly reduces testing time and personnel exposure levels in radiation-controlled areas of nuclear power plants. The Quicktest™ cable is compatible with all CRANE Nuclear Diagnostic Systems, including VIPER™ 20, Universal Diagnostic System™ and VOTES® equipment.

### *How Does it Work?*

To simplify MOV testing and shorten MOV testing time, the Quicktest™ cable is permanently installed inside the actuator switch compartment. The cable consists of five current sensors – one for motor current and four for control switch currents. These sensors utilize highly sensitive current transformers. All sensor leads are attached to a single interface connector, which is permanently mounted in one of the actuator's spare conduit openings. Once installed, the Quicktest™ Cable eliminates the need to place the control switch and motor current probes on the appropriate leads each time a test is performed. Since the current sensors are already in place, the actuator switch housing cover does not have to be removed.

### **QuickTest™ Cable**



## Operational Benefits

- ◆ Reduces time to connect sensors by eliminating removal of switch housing cover, equipment safety blocking and the attachment of probes before each test
- ◆ Eliminates errors in identifying correct leads for each probe, improving ease of testing and reducing radiation exposure
- ◆ Improves worker safety by minimizing time spent in harsh environments and high radiation areas
- ◆ Avoids repeated installation approvals, since installation is permanent.