Accurate Encoder testing made Quick and Easy.

Simple connections.

Designed for use in an Industrial Environment.

Easy to navigate menus.

Real world conditions are applied during tests.

Fully test: Linear & Rotary Encoders Digital Read Outs and almost any other device that converts mechanical motion to pulses.

Every Technician should have one in their tool bag.

PATENTED
Covered by U.S. and International Patents and pending applications

Specifications may change

EASY TO USE!

- Locate data sheet for Encoder.
- Select transition cable to use.
- Select module to use.
- Test Encoder.

Save money and reduce downtime by eliminating or confirming an encoder as the problem. Easy to set up, easy to use, and the least expensive device on the market to fully test an encoder.

For years we have used the Universal Encoder Checker to test Encoders from the following manufacturers with 100% reliable results. FANUC, Sony, Heidenhain, Anilam, CUI, Renishaw, SWI, US Digital, Tamagawa Seiki, BEI, Grayhill, Servo-Tek, MicroE Systems, Turk, Sick, RSF, Siemens, Automation Direct, Omron, Hansen, Honeywell, Eastprint, Danaher Motion, MicroMo, Ametek Automation, Delta Sigma, Maxmar Controls, Comptrol, Phoenix America, Koyo, GSI, CTI, Parker Hannifin, COPI, Dynapar, and many other.
**Universal Encoder Checker**

**Accurate Encoder testing made Quick and Easy!!**

An Encoder that is starting to fail or is borderline may check good with some instruments. With this one, a load can be applied to the output to simulate actual working conditions.

Troubleshoot encoder problems fast, save money, and reduce downtime. This powerful yet cost effective instrument pays for itself fast.

**DETERMINE PHASE**

A perfect encoder should have a pulse output pattern like the one shown. When channel A is on, channel B should be on 50% of the time and off 50% of the time. The UEC will display the ratio of time on and time off (50/50 perfect) for the measured channel. This is useful for tuning especially in high speed applications.

**COUNT PULSES**

Pulses Per Revolution can be measured quickly. When a reference signal is present the pulse counts start and they stop when the reference pulse is seen again. This can be helpful when troubleshooting intermittent problems and damaged disks. It can be used on encoders with no reference pulse with a few more seconds of setup.

**Modules provide power to the Encoder. In addition they also regulate voltage and condition the signals sent back from the Encoder. Modules are selected by Encoder voltage and size of pull-up and/or pull-down loads required to meet the Encoder specifications. Custom order any configuration.**

<table>
<thead>
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<th>Load/DC Voltage</th>
<th>5</th>
<th>12</th>
<th>24</th>
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<tr>
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<td>Module N/A</td>
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</table>

X = P(pull-ups only), D(pull-downs only), B(pull-ups and pull-downs) N(neither)
Y = 8(up to 8 bit absolute encoder), G(up to 16 bit absolute encoder)

Order your Universal Encoder Checker Today!!
www.UniversalEncoderChecker.com - 1-800-916-4272