

MODEL TK91 Incremental Optical Modular Rotary Encoder



- **One step gapping lever**
- **Up to 1250 cycles per revolution (5000 counts)**
- **Frequency response up to 200 KHz all channels**
- **Operating temperature range up to + 85° C**
- **Available in both English and Metric hub sizes**
- **Many output options available from Differential Line Driver to Amplified Analog**

The Model TK91 series is an incremental optical rotary kit style encoder. The TK91 was developed to offer an easy to install, highly reliable, low profile kit encoder. The unique one step lever mechanism pre-sets the internal gap. The TK 91 measures 1.5 x .81 inches and is available with single ended TTL, Differential RS422 Line Driver, Open Collector and Differential Amplified Analog. The hub and disk assembly is captivated within the unit and is available in thirteen different I.D.'s allowing use with both English or Metric dimensioned shafts. The encoder has a standard operating temperature range of 0°C to 70°C, and has an option for operating up to +85° C. This encoder is pre-aligned and pre-gapped at the factory to make customer installation time under one minute.

