

# ***RDT2100 Specifications***

## **Sensors**

Torque Sensor      Strain Gages  
Speed Sensor      Hall-Effect Sensor

## **Dynamic Torque**

Sampling      5,000 Samples/Second

Frequency Response      DC to 1,000Hz  
1,000Hz is the 3dB Point  
30% Signal Reduction

Output Types      Instantaneous Torque  
Peak-to-Peak Torque  
Captured Positive Peak Torque  
Captured Negative Peak Torque

## **Display**

Type      2 Lines by 40 Character VFD  
Viewing Area      5.5" Wide by 0.5" High

## **Analog Outputs**

Compliance      For Load Resistance Less Than 500 OHMS  
Actual Range      0-25mA, Typical  
0-10V, Typical  
Accuracy      1% of Full Scale Typical

## **Relay Outputs**

Type      SPDT, Rates 5A Resistive,  
Suitable for Signal Level Switching Until They Actuate  
a High Current Load

## **Operating Power**

Voltage      85 to 265 VAC, 50/60Hz (24 VDC Optional)  
Power Consumption      8 Watts Maximum, Typical  
Fuse Rating      0.5A 5mm x 20mm (Type FST, Time Lag)

## **Note**

- Field Wire Connectors—Pluggable Phoenix Type Connectors with Captive Wire Clamps
- Dynamic Torque Voltage Output is on BNC Connector

