

# 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

