

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

