



Datasheet

Magnetic Pick-Ups

RS Stock No. : 304-172 - Digital type

- Supply Voltage (V_s) : +5 to 15 Vdc
- Input Current : 4mA @ +15Vdc
- Operating Temperature : -25°C to +85°C
-13°F to +185°F
- Output Voltage : $V_o = (V_s \times R_L) / (R_L + 4000)$
- Interference Rejection : Immune to power supply ripple of up to $\pm 10\% V_s$ at a frequency up to 1 MHz
- Sensitivity : Independent of supply voltage

Test Conditions

- Test Wheel : 20 pitch, 30 tooth gear
- Material : Ferro-Magnetic
- Test Speed : 25.4 m/sec (1000 ips)



