



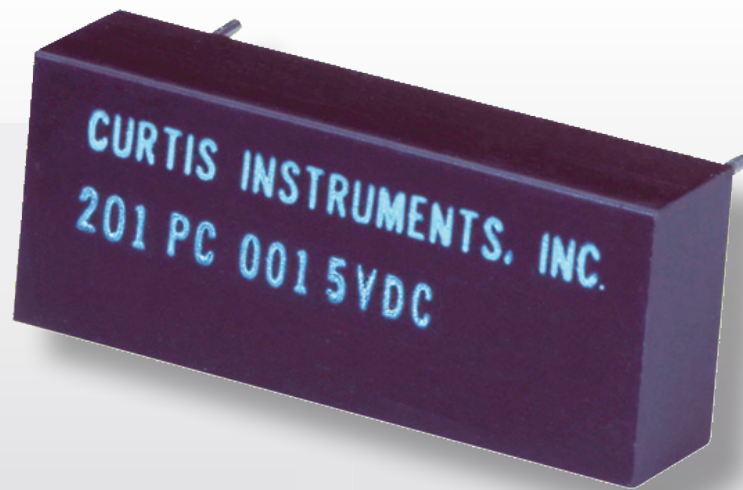
CURTIS

Instrumentation



Solid State Elapsed Time Monitor

200 SERIES



Solid State Elapsed Time Monitor

200 SERIES

The Curtis 200 series are elapsed time monitors without displays that offer unprecedented levels of reliability, performance and flexibility.

A wide range of applications including maintenance, total hours monitoring, true warranty verification and leasing for commercial, medical, industrial equipment and vehicles.

FEATURES

- ▶ High levels of reliability and accuracy for consistent data acquisition and storage.
- ▶ Silent operation – no moving parts. Eliminates gear and motor noise.
- ▶ Serial digital output for PC or peripheral reader interface.
- ▶ Safe, reliable EEPROM memory storage of data without battery back up.
- ▶ Optional resettable version available.
- ▶ Compact size designed for easy, PC board mounting.
- ▶ Memory will arm only when power has been applied for five seconds (with no loss of time).
- ▶ Low power consumption.
- ▶ Over 45 years of Curtis design experience and Elapsed Time Indicators expertise.

SPECIFICATIONS

Voltage Range:

4.75 – 10 VDC

Reset Voltage:

20VDC +/- 5%

Reset Pulse Width:

100 micro sec minimum;
1 sec max

Recording and Display Capability:

99,999.99 hours

Resolution:

0.01 hours

Accuracy:

+/- 0.1% hours

Current Consumption:

0.4mA (max) @ 5VDC

Operating Temperature:

-40° C to +85° C

Storage Temperature:

-45° C to +90° C

MODEL ENCODEMENT

201

Elapsed Time Monitor

PC

PC Board Mount

N

N = Non Reset

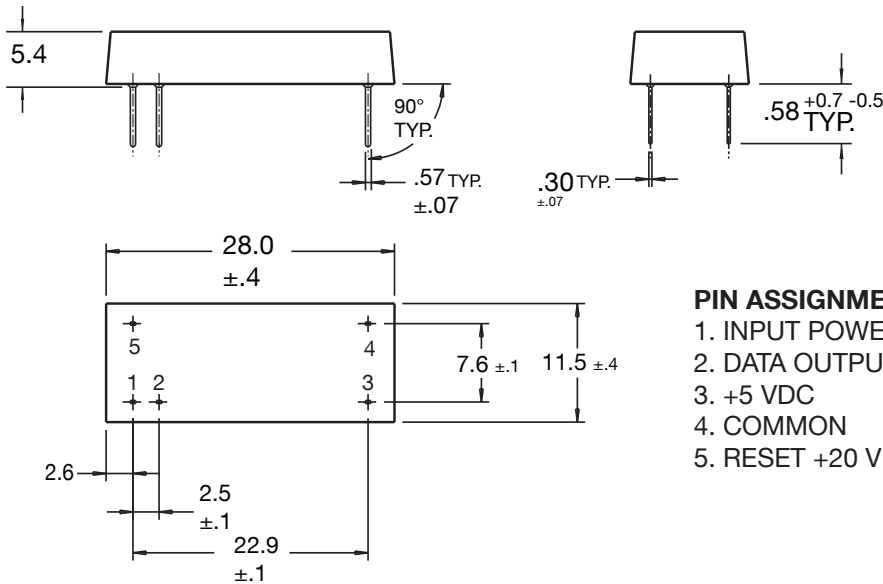
R = Reset

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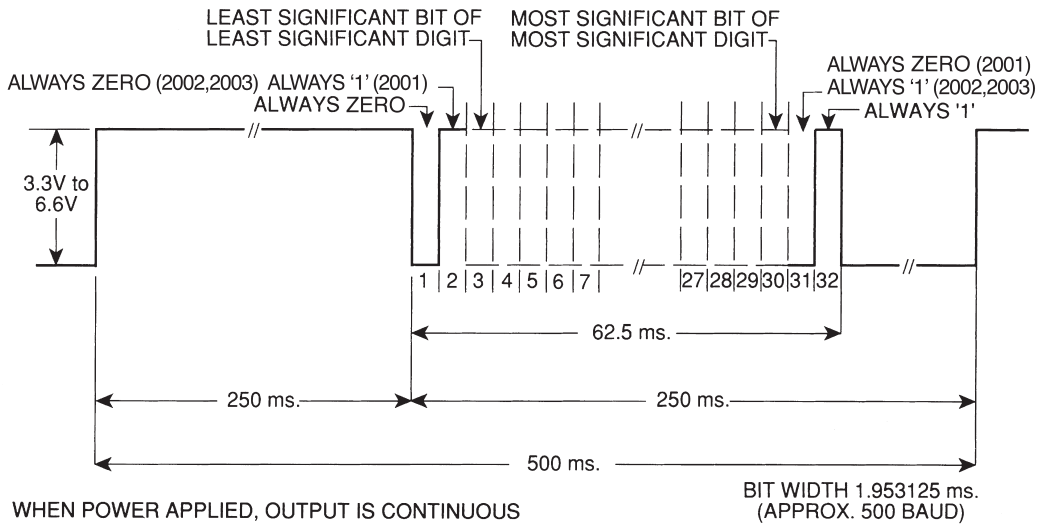
DIMENSIONS mm



PIN ASSIGNMENT

1. INPUT POWER FROM READER
2. DATA OUTPUT
3. +5 VDC
4. COMMON
5. RESET +20 VDC ±5%

DATA FORMAT



WARRANTY Two year limited warranty from time of delivery.

The Curtis Difference

 You feel it when you drive it