

**SENSOR™ WIEGAND™ BADGE READER**  
**97-0504-01**

The Accu-Time (PN 97-0504-01) badge reader transmits data in a standard Wiegand 26-bit format that is compatible with the 2000 Series of ATS Time and Data Collection Terminals (DCT). Wiegand is a magnetic pulse generating technology for encoding purposes. The reader contains the necessary electronics to accept badge data in a badge-swiping environment. The Wiegand badge used with this reader may only be decoded by swiping in one direction (shown below).

The Wiegand badge reader communicates with the DCT by way of a five- (5) inch interface cable terminated with a 6-position connector. A Wiegand interface board is mounted on the side of the reader. The captive cable from this interface board terminates to a reader interface connector inside the DCT.

The Sensor Wiegand Badge Reader is encased in a black high impact plastic.

Pinouts

<u>Pin #</u>	<u>Function</u>
1	+5VDC
2	Data 0
3	Data 1
4	Ground

GENERAL SPECIFICATIONS

Physical-

Dimensions: 3.85"L x 1.90"W x 1.45"H  
(9.78cmL x 4.83cmW x 3.68cmH)  
Weight: 0.20 lbs. (0.09 kg.)  
Enclosure: Black high impact plastic

Environmental-

Operating Temperature: 32° to 110°F (0° to 45°C)  
Relative Humidity: 0 to 95% Non-condensing

Operating Parameters-

Power: 5VDC +/- 10% @ 45mA

