

**COMMUNICATION ADAPTER  
RJ45/DE9S/POWER  
(98-9002-00)**

Accu-Time's PN 98-9002-00 Communication Adapter serves as a power source for an Accu-Time Data Collection Terminal (DCT) and as a data communication intermediary between the DCT and a host processor's RS232 communication port equipped with a 9-pin DE connector.

Packaged in a high impact plastic, DE9 communication connector housing, the adapter provides the necessary screw-down hardware for termination on a host RS232 communication port.

DCT power and EIA (Electronic Industries Association) RS232 data communication signals are sent in a bi-directional pattern over an eight- (8) conductor communication cable (Accu-Time PN 63-9001-01 or equivalent). Termination for this cable resides on the Communication Adapter via the on board RJ45 modular jack.

The PN 98-9002-00 Communication Adapter is equipped with a power receptacle, which accommodates a 12-volt 500-milliampere, or 1000 milliampere DC (Direct Current) power source (Accu-Time PN 17-2004-00, 17-2004-01 or equivalent). The selected source supplies all the necessary power for the Accu-Time DCT eliminating the need for local terminal power.

Accu-Time's PN 98-9002-00 Communication Adapter pin-outs are as follows: All connections are referenced to the Accu-Time DCT.

RS232 DE9 HOST INTERFACE

- 1-EARTH GROUND
- 2-HOST RECEIVE
- 3-HOST TRANSMIT
- 5-GROUND

GENERAL SPECIFICATIONS

Physical-  
Dimensions: 0.63" H X 1.22" W X 1.83" D  
(1.60cm x 3.10cm x 4.65cm)  
Weight: 0.05 Lbs. (0.02kg)  
Enclosure: High impact plastic

Environmental-  
Operating Temp: 32° to 110° F (0° to 45° C)  
Relative Humidity: 20-90% Non-condensing

Operating Parameters-  
Power: Passive device

