

HUGHES® PROXIMITY READER
97-0503-01

The Accu-Time (PN 97-0503-01) proximity reader transmits data in a standard Wiegand 26-bit format that is compatible with ATS Time and Data Collection Terminals (DCT). (Other bit formats may be applicable—consult factory for compatibility.) The proximity reader is named such because of an ability to decode badges containing integrated circuitry that will transmit a pre-encoded badge ID number when placed within a close proximity to the reader. The proximity reader is designed to operate in harsh environmental conditions with an average data transmission distance between the reader and badge is 1-4 inches.

The proximity reader communicates with the DCT by way of a 7 inch-interface cable terminated with a 6-position connector which attaches to the Wiegand interface board located inside the terminal.

The Hughes® proximity reader is encased in a polycarbonate housing and comes equipped with a single red LED which flashes green upon a recognized badge read. The reader also contains a single tone beeper that will sound in conjunction with the LED flash.

Pin #	Function
1	+5VDC
2	data 0
3	data 1
4	ground

*Note: Pinouts referenced to the reader.

GENERAL SPECIFICATIONS

Physical-

Dimensions: 6.00"L x 1.70"W x 1.00"H
(15.24cmL x 4.32cmW x 2.54cmH)

Weight: 0.35 lbs. (0.16 kg.)

Enclosure: Beige Polycarbonate

Environmental-

Operating Temp: 32° to 110°F (0°-43°C)

Relative Humidity: 0 to 95%
Non-condensing

Operating Parameters-

Power: 5VDC +/- 10% @ 40mA

