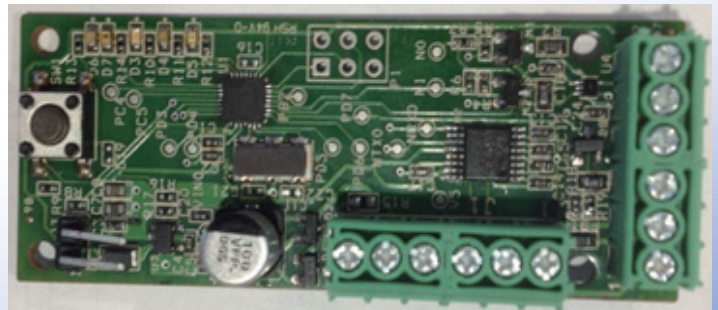


WIEGAND MODULE™

RS232 Serial format to Wiegand format converter

Applications

- Access control installations
- Gated access points
- Asset tracking



WIEGAND MODULE™

Product Description

The S2W001 serial to wiegand converter module is designed specifically for UHF readers that provide a 32 ASCII character output via an RS232 serial output. The converter interprets each reader report for its embedded hexadecimal 4 character EPC prefix, 2 character Facility Code (FC), and 4 character User Code (UC). Each interpreted reader report is converted to a standard 5V, 26bit Wiegand formatted output report containing the captured FC and UC.

The S2W001 operates from a DC supply voltage of nominally 9V.

The S2W001 is typically connected between the RFID reader and the Wiegand input device (see figure 1 for a typical connection diagram). The module provides for an optionally enabled loop contact input. When enabled, a loop contact may be employed to limit the S2W001's wiegand output to only report when the contact is closed. The Module employs 4 LEDs for indicating serial communications activity, wiegand communications activity, power status, and setup mode.

Your Success is Our Vision



WIEGAND MODULE™

Specifications

Dimensions	63.5 x 25.4 x 11.43 mm (2.5 x 1 x 0.45")
Power	9V
Input Voltage	DC 9V
Wide supply operating range	7VDC - 16VDC
Supports baud rates	9600 and 115.2K
Storage Temperature	-40°C~ +100°C (-40°F to +212°F)
Operating Temperature	-20°C~ +80°C (-4°F to +176°F)

