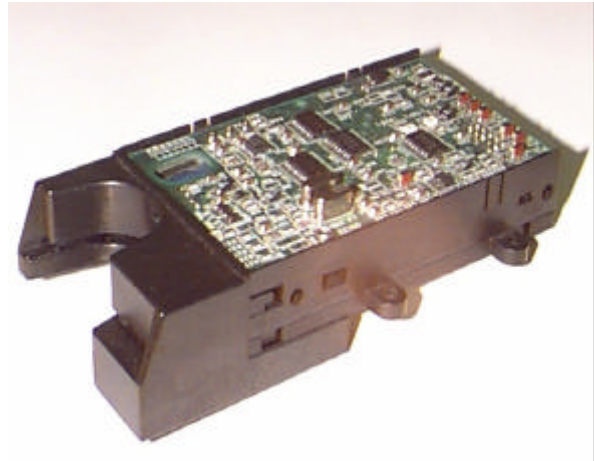

Manual Hybrid Card Acceptor

V4AF

Compact Manual Magnetic Stripe and IC Acceptor with RS232 interface

- Ideal for applications using magnetic and IC cards.
- Conforms to EMV specification.
- Contact landing method ensures longer contact service life.
- Card lock mechanism protects data while communicating with a host system.
- Supports transmission protocols T=0 and T=1.
- One RS232 port handles data from both magnetic and IC Cards.
- Two LEDs indicate current status.



Ordering Information

Description			Part Number
Magnetic Stripe	ICC to ISO 7816	Card Lock	
Tracks 1, 2 and 3	YES	YES	V4AF-1J-01V
NotSupported	YES	YES	V4AF-0J-01V

Specifications

Recommended card type	ISO7810, 7811-1 to -5, 7816-1 and -2
Data Transmission	1200, 2400, 4800, 9600, 19200, 38400 bps (automatic setting with host when power 'ON')
Data Mode	Asynchronous mode.
Communication Method	Half-duplex.
Connector	7610-5020SC (3M).
Data Length	8 bits.
Error Detection	Even Parity
Operating Power Supply	5VDC \pm 5%.
Current Consumption	1.34A max..
Interface Connector	7610-5002SC (3M).
Mounting Location	Indoors: away from rain, wind, sunlight and dust.
Ambient Temperature (Operation)	-0°C to 45°C
Ambient Temperature (Storage)	-15°C to 60°C
Ambient Humidity (Operation)	30% to 85% RH (without condensation)
Ambient Humidity (Storage)	20% to 90% RH (without condensation)
Durable Vibration	10 to 150Hz, single vibration width 0.15mm or acceleration of 2G (19.6ms ²), whichever is smaller.

Dimensions	76(W) x 126(D) x 34(H) mm (V4AF-1J-01V)
Weight	Approx 120g
Service Life (Magnetic Head)	300,000 times min.
Service Life (IC Contact)	500,000 times min.
Service Life (Solenoid)	300,000 times min.

Application Examples

- Electronic Purse.
- Vending Machines.
- ATMs.
- PoS Terminals.
- Access Control.
- Customer Loyalty Schemes.