

Sensors for Automated Teller Machines

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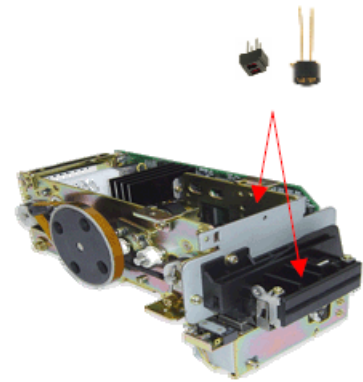
Application

Every Automated Teller Machine (ATM) has a card reader that captures the account information stored in the magnetic strip at the back of the card. The card reader is activated only when a card is present.



Requirement

The card reader requires a sensor to recognize the presence and correct orientation of a card. The sensor sends a signal to funnel the card towards the magnetic strip reader to retrieve the information. Once the transaction is completed, the card is removed from the magnetic strip reader. The sensor verifies that the card has been removed completely from the card slot by the cardholder.



Solution

Non-Contact Reflective Object Sensors

- Sensor will respond only when an object passes within its field of view
- Unfocused for sensing diffused surface
- Enhanced signal to noise ratio
- Reduced ambient light sensitivity
- Low cost compact packages
- Custom designs also available



General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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