

ACI712

HITAG reader range 20 cm

ACI712

The reader can be connected to the controller via the current-loop interface to open a door. Access is granted when a user with a valid card comes within range of the reader.

Versatility

This reader can be mounted directly on a flush mounted electrical box. The ACI712 can be added at any time to large networked systems. Thanks to the two interfaces available (current loop and Wiegand), this reader can be used almost anywhere. Current loop is the proprietary format of ACS Foundation access control system. A comprehensive system to accommodate small, medium or large access control requirements (see respective datasheets for more information).

Signaling

For optimum status indication, three LEDs and a buzzer are built in. In this way the user is always kept informed about the status of the system. The buzzer and the red and green LEDs can additionally be actuated from an external system.

High-Security Equipment

Aritech proximity equipment supports a higher level of security by:

- Reliable reading
- Coded card numbering

The reader identifies each card without mechanical contact; this has a positive effect on the life of the reader and the cards. The card's electronics, which make unambiguous identification possible, are embedded in the plastic of the card or the key fob. The electronics in the card or the key fob are activated when the card is brought into the operating range of the reader. They then transmit the card number within the read range.

Molded Plastic Housing

The electronics of the reader are accommodated in a molded plastic housing, which provides optimum protection against the weather and vandalism. This reader is suitable for all environments, and can be used indoors or out. If the housing is opened or removed from the wall, a tamper switch sends an alarm to the controller.



Details

- Molded plastic housing
- Indoor or outdoor mounting
- Tamper monitoring
- Current loop or Wiegand communication to controller
- Standard electrical box size

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Technical specifications

Technology

Reader type	Proximity
Reader operating-transmitting frequency	125 KHz

Interface & connections

Interface	Wiegand
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Tamper type

Pry-off tamper	No
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Operation

PIN keypad	No
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Electrical

Power supply value	10 to 20 VDC
Power consumption	100 mA

Physical

Physical dimensions	78 x 78 x 25 mm
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Environmental

Operating temperature	-25 to +70°C
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