

## N-300



### **NORTHERNS' STAND-ALONE PROXIMITY ACCESS CONTROLLER**

The N-300 is the basis for a completely autonomous access control system for one gate or door. Although technologically sophisticated, it is quick and simple to use, as well as compact and flexible in application. The N-300 uses proximity detection techniques to sense the presence of a unique tag allowing the automatic opening or unlocking of a door, gate or other access. The tag is a small, self-contained, automatic identification device, in the shape of a key tag or card.

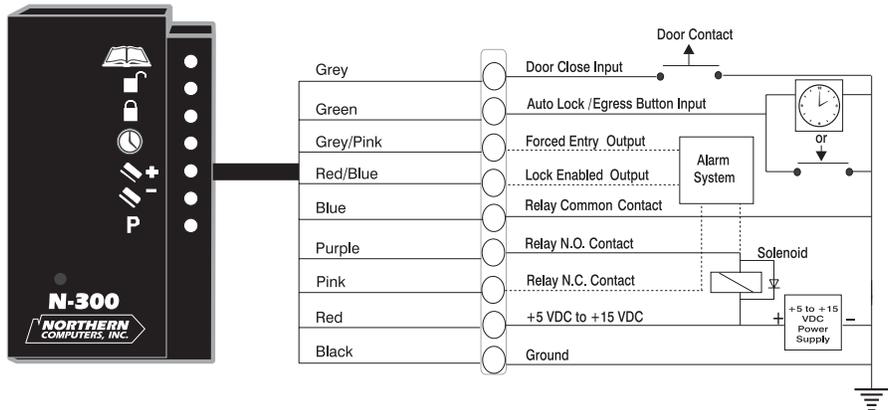
The N-300 consists of a compact, surface mounted access control unit containing an internal stand-alone reader. The system is programmed using programming cards or an optional hand-held programmer.

The N-300 has the advantage of proximity detection which does not require physical contact between ID reader and ID carrier. The tag functions without use of a battery. The ID reader scans the ID carrier by means of a long wave radio frequency transmission. If the tag is within range, it is activated and powered by this signal and then transmits its specific ID number. This technique ensures easy to use, highly reliable, vandal-proof access control.

### **BENEFITS**

- Proximity reader and control system integrated into one compact unit
- Easy to install, low profile, surface mounted
- Designed for indoor or outdoor use
- Programming via programming cards or hand held programmer
- Stand-alone capacity of 2,000 users
- Read range of 3.5" (9 cm) with internal RF antenna
- Seven LEDs provide visual indicators and a buzzer provides audio indicators
- Separate watchdog, overvoltage (max. 48 volts peak) and reverse polarity, anti-tamper switch
- System is monitored by a unit anti-tamper device

# N-300



## ORDERING INFORMATION

- N-300-V2** Stand alone proximity controller
- N-300-KIT-1** Stand alone proximity controller with 10 tags and 3 programming cards
- N-300-KIT-2** Stand alone proximity controller with 10 PVC cards and 3 programming cards
- N-300-TAG** Proximity key tag for the N-300 (25 Pack)
- N-300-PC** Printable PVC card for the N-300 (25 Pack)
- N-300-PRG** Remote passive programmer for the N-300
- N-300-PRG-CRD** Master programming cards
- N-300-PS** +12 VDC, 750 mA power supply
- N-300-ULPS** +12 VDC, 750 mA UL power supply

Consult your Northern Sales Representative for more information.

## SPECIFICATIONS

- **Inputs** - Door contact and door egress
- **Outputs** - One 2A/30 VDC output and two TTL outputs
- **Power** - +5 VDC to +15 VDC, 20 mA to 50 mA
- **Dimensions**
  - N-300** - 2.68" H x 1.61" W x .59" D  
(6.8 cm H x 4.1 cm W x 1.5 cm D)
  - N-300-TAG** - 1.77" H x .001" W x .008" D  
(4.5 cm H x .003 cm W x .02 cm D)
  - N-300-PC** - 3.38" H x 2.12" W x .031" D  
(8.6 cm H x 5.4 cm W x .08 cm D)
  - N-300-PRG** - 4.33" H x 2.95" W x .39" D  
(11 cm H x 7.5 cm W x 1 cm D)
- **Temperature**
  - N-300** - -40° F to 158° F (-40° C to 70° C)
  - N-300-TAG** - 32° F to 120° F (0° C to 50° C)
  - N-300-PC** - 32° F to 120° F (0° C to 50° C)
  - N-300-PRG** - 32° F to 120° F (0° C to 50° C)