Geoffrey

Sophisticated Reader PR500 Series™

Reader (PR500)

The New Geoffrey™ PR500 Series Proximity & Smart Keypad reader takes RF/ID technology to the ultimate in sophistication, customer acceptance, and cost effectiveness. The PR500 series reader is quick and easy to install and have been designed for the most demanding access control applications. The PR500 are available with custom branded housings with company names, logos and colors.

FEATURES

- **Cards and Tags**
  A wide range of identity cards and key fobs are available to suit virtually every application. Standard ISO style plastic cards, with or without magnetic stripe, can be surface printed using standard PVC card printers

- **Environmental**
  The PR500 series is suitable for both indoor and outdoor use. The readers will operate reliably in harsh environments with temperatures from -20 °C to +60 °C

- **Keypad Data**
  Keypad data is transmitted on the data lines in industry standard formats

- **Quick and Easy to Install**
  Surface fixing design with stainless steel fixings supplied. May be fixed flush to metal surfaces with no significant loss of range

- **Flexible Connection**
  Two visual indicators and an integral beeper allow for various connection combinations. The beeper and one LED can be controlled externally giving complete flexibility for control applications

- **Multi Technology Cards**
  ISO PVC cards are available with a Hi-Co magnetic stripe for multi-function applications. Also allows backward compatibility with installed magnetic stripe readers

- **Input power**
  5 –16 VDC

- **Current**
  120 mA typical

- **Data Voltage**
  Rest >4VDC, Active <1VDC

- **Data Output**
  Wiegand Format 26-34bit
  Customized output also available to special order

- **Indication**
  Red LED - power
  Green LED - card read
  Buzzer - audible indicator

- **Environmental**
  Operating Temp:-20°C to +60°C
  Humidity: 100% RHNC

SPECFICATION

- **Read Range**
  ISOProx™ Card 22 cm
  SmartProx™ Card – 12 cm
  Smart Mifare® Card – 3 cm
  Smart LEGIC® Card – 5 cm

- **Mechanical** (Housing)
  Moulded polycarbonate with fully encapsulated Electronics
  Size: 108mm×82mm×28mm
  Weight: 203g nominal
  Mounting: 2X M3.5 screws (supplied)

- **Connection**
  1. 5 to 16 VDC
  2. Clock / Data 1
  3. Data / Data 0
  4. Green LED
  5. Red LED
  6. Card present
  7. Supply 0V

Part Number

GPR500-G34
Geoffrey™ Proximity Formats

GPR530
HID® Proximity Formats

GPR570
Smart LEGIC® Contactless Technology

GPR580
Smart Mifare® Contactless Technology

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