Geoffrey

Affordable Reader PR100 Series™

Reader (PR100)

The New Geoffrey™ PR100 prox & smart reader range takes RF/ID technology to the ultimate in sophistication, customer acceptance, and cost effectiveness. The PR100 series readers is quick and easy to install and fits directly onto a standard UK wall-light box. One of the most unique features of the 100 series is the ability to offer custom branded technology & housings with company names, logos and colors. A choice of body and cap colors is also available to suit corporate styles.

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 PR100 series is suitable for both indoor and outdoor use. The readers will operate reliably in harsh environments with temperature -20°C to +60°C

- **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. Specially moulded covers are provided to hide the fixing screws

- **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 plus smart chip 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
  Clock & Data
  Customized output format

- **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**
  ProxCard® II Card – 12 cm
  ISOProx® Card - 10 cm
  ProxKey™ Keyfob - 4 cm ProxCard®
  LEGIC® Contact less - 5 cm

- **Mechanical** (Housing)
  Moulded polycarbonate with fully encapsulated Electronics
  Size: 68mm×68mm×17mm
  Weight: 110g nominal
  Mounting: 2X M3.5 screws (supplied)

- **Connection**

  1. 5 to 16 VDC
  2. Data 1
  3. Data 0
  4. Green LED
  5. Red LED
  6. Not used
  7. Supply 0V

Part Number

GPR102
Compatible with Geoffrey™ Proximity Formats

GPR130
Compatible with HID® Proximity Formats

GPR170
Compatible with LEGIC® Technology

GPR180
Smart **Mifare**® Contactless Technology

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