

# New Housing Design RFID Readers and Tags

## Introduction:

**Promag new- housing design** RFID readers are high performance proximity readers featuring long range and small dimensions. The readers run from any voltage from 5 to 12.5V DC and feature high read range at as low as 5 volts making it ideally suited to a wide variety of applications, particularly access control. The same basic unit can be configured to output most of the common interface formats, including Wiegand, Magstripe, and RS232 serial ASCII output, making it easy to upgrade existing installations.

## Features:

- ☆ **Potted for environmental protection**
- ☆ **Externally programmable interface**
- ☆ **New stylish housing to match modern construction**
  - Weather resistant

## Ordering information

- GP25 – Up to 25 cm read range, wall-mounting
- GP25A – Up to 25 cm read range, wall-mounting
- LBR100 – Up to 20 cm read range, wall-mounting for European type of light box, and LBR200 up to 5 cm read Range for Mifare UID reader

※ **Specification is subject to change without notice.**

## Specifications:

Power Requirements	5 ~ 12.5 V DC regulated, linear
Interfaces	Wiegand, MSR ABA Track2 or RS232
Read Range	<ul style="list-style-type: none"> <li>➢ GP25: Up to 25 cm at 12.5V with ISO card;</li> <li>➢ GP25A: Up to 25 cm at 12.5V with ISO card;</li> <li>➢ LBR100 Up to 20 cm at 12.5V w/ISO card</li> <li>➢ LBR 200 Up to 5 cm at 12.5V w/ISO card <b>(Mifare UID Reader)</b></li> </ul>
Frequency	125KHz, ASK/ 13.56MHz Mifare UID
Transponder	Read only
Dimensions	GP25 – 120 x52 x22 mm GP25A –120x46x 21mm LBR100/LBR200 –105 x106 x18 mm
Temperature Range	Readers: -25 ~ 65°C Transponders: -55 ~ 80°C

## Ordering information for Transponders:

- CFR01 – 86 x 55 x 0.8 mm ISO card
- CFR03 – 86 x 55 x 2 mm Clamshell card
- TAG50A – Disc with diameter 50 mm, 2 mm thickness **(Grey)**
- TAG25 – Disc with diameter 25 mm, 4 mm thickness
- TAG22 – Disc with diameter 22 mm, 4 mm thickness
- TAG25K – Key chain, W31 x H41 x D5 mm
- TAG20K – Tear drop key chain W30 x H45.2 x D5.1mm
- **New design tags also available details on web-site.**



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