PROMAG™

RFID Readers and Tags

Introduction:

GP Series 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, Clock / Data and RS232 serial ASCII output, making it easy to upgrade existing installations.

Features:

☆ **Wide Voltage range**

☆ **Potted for environmental protection**

☆ **Externally programmable interface**

● Weather resistant

Ordering information:

● GP8 – Small reader module for OEM applications

● GP20 – Up to 20 cm read range, wall-mounting

● GP30 – Up to 30 cm read range, wall-mounting

● GP60A – Up to 60 cm read range, wall-mounting

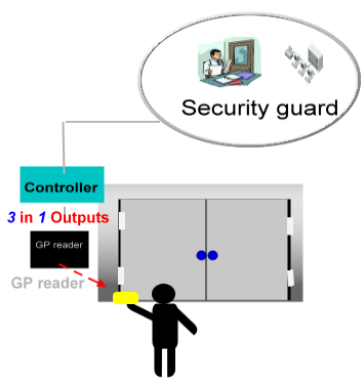● GP90A – Up to 90 cm read range, wall-mounting

Specifications:

Power Requirements	5 ~ 12.5 V DC regulated, linear
Interfaces	Wiegand, MSR ABA Track2 or RS232
Read Range	➢ GP8: Up to 7 cm without external antenna with ISO card; up to 30 cm with proper external antenna ➢ GP20: Up to 13 cm at 5V with ISO card; up to 20 cm at 12.5V ➢ GP30: Up to 20 cm at 5V with ISO card; up to 30 cm at 12.5V
Frequency	125KHz, ASK
Format	64 bits, Manchester coding
Transponder	Read only
Dimensions	GP8 – 41 x 24 x 10 mm GP20 – 78 x 43 x 15 mm GP30 – 104 x 63 x 20 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

● TAG52 – Disc with diameter 52 mm, 8 mm thickness

● 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

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

We welcome OEM inquiries

♦ **Custom design manufacturing is available**

♦ **Custom device programming is available**

♦ **Call factory for other configuration**

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