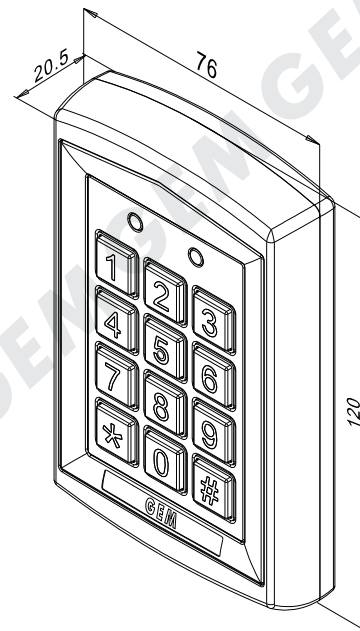




● Dimensions



Unit: mm

● Features

- ✓ **Epoxy sealed**
- ✓ **Aluminum alloy casing with vandal resistant screws for enhanced safety and durability**
- ✓ **Memory volume up to 1000+10 proximity cards/tokens and PINs**
- ✓ **Access modes:**
 - a. Only Proximity Card
 - b. PIN or Proximity Card (Default Setting)
 - c. PIN + Proximity Card
- ✓ **Logical memory prevents duplicated card setting**
- ✓ **Invalid PIN lock-out**
- ✓ **Controller with keypad sound to avoid incorrect key-in**
- ✓ **Additional input for Anti-Tailgating**
- ✓ **Non-volatile memory**
- ✓ **Dual relay output for multi-control**
- ✓ **Length of Master code and PIN: 4~6 digits**

● Statement

DG-800 is a dual relay, digital code-operated keypad reader for access control. It stores up to 1000+10 individual user PINs. The backlit keypad beeps to avoid incorrect key-in. The reader is epoxy sealed in an aluminum alloy casing with vandal resistant screws for safety and durability. The reader cuts off the surplus time of auto relocking to perform anti-tailgating function.

● Specification

- Operating Voltage: 12~24VAC/DC
- Current Draw: Holding: 70mA/12VDC ; Pull In: 100mA /12VDC
Holding: 35mA/24VDC ; Pull In: 50mA /24VDC
- Frequency: EM(125K)
- Read Range: 5cm (In noise-free environment)
- Keypad: Backlit 12-digit-keypad (0~9, *, #)
- Input: 2 contacts for Request-To-Exit button, 1 contact for door reed switch
- Output: 2 Relays(N. O./N. C./Com.Dry Contacts)
- Relay rating: Max. 2A/30VDC; 0.6A/120VAC
- LED indicator: 2 LEDs (Red/Green)
- Memory Volume: 1000+10 Proximity cards/tokens + PINs
- Relay Strike Time: 01~99 seconds or Toggle Mode(00)
- Ambient Humidity: 5~95%(Non-condensing)
- Operating Temperature: -20°C~70°C
- Master code: Default value : 1234
- Invalid PIN Lock-Out: The system will shut down for 60 seconds after entering incorrect master codes or PINs for 5 times.

● Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original client. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.

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