

□Model list

Number of address

|       |                     |
|-------|---------------------|
| 4-bit | MG100-1R5-P30B4-□□  |
| 6-bit | MG100-1R5-P30B6-□□  |
| 8-bit | MG100-1R5-P30B8-□□□ |

\*□ can be either Address No..  
 4-bit : 0 to 15  
 6-bit : 0 to 63  
 8-bit : 0 to 255

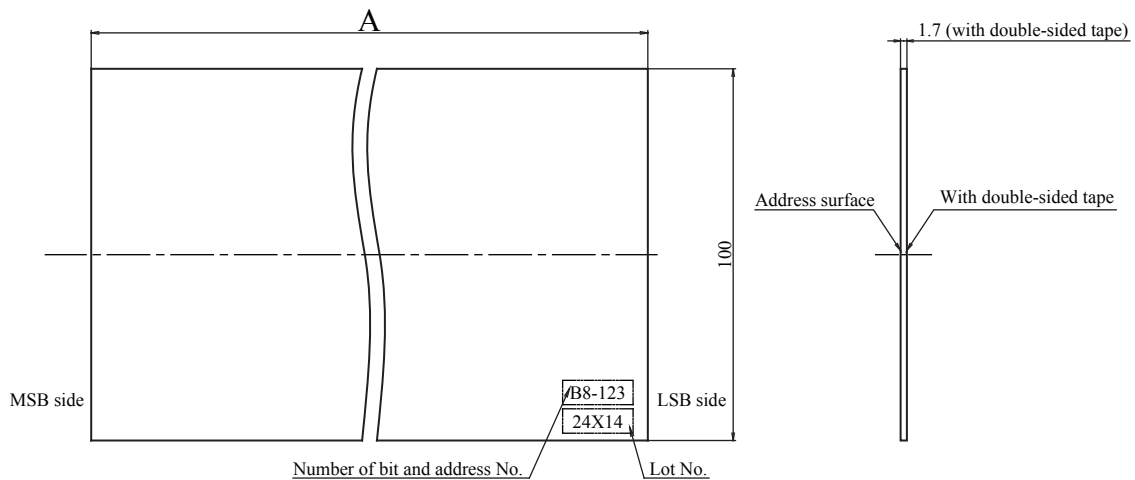
**Characteristics**

- A film has been applied to the front surface to protect the rubber magnet.
- The magnet does not need to be embedded since double-sided tape is attached to the back side.
- Please use in combination always a magnetic sensor address for transfer machine.  
 (4-bit : MGG-430-N301, 6-bit : MGG-630-N301, 8-bit : MGG-830-N301)

**Rating and performance**

| Model name                  | MG100-1R5-P30B4-□□   | MG100-1R5-P30B6-□□□ | MG100-1R5-P30B8-□□□ |
|-----------------------------|--|---------------------|---------------------|
| Number of bit               | 4-bit  | 6-bit               | 8-bit               |
| Laminated film              | Front surface: Vinyl chloride color laminated film (Yellow), back surface: double-sided tape |                     |                     |
| Magnet                      | Anisotropic rubber magnet (ferrite magnet + Chlorinated polyethylene)                        |                     |                     |
| Magnet characteristics      | Residual magnetic flux density (Br) 228 mT, Coercivity (bHC) 167 kA/m or more                |                     |                     |
| Operating temperature range | -10 to 70 °C   |                     |                     |
| Length (part of A)          | 180mm  | 240mm               | 300mm               |
| Pitch of address            | 30mm   |                     |                     |

**External dimensions diagram**



**Usage precautions**

1. Distance between the magnetic address sensor and a magnetic address plates please use in 12 to 28 mm.  
 When the installation distance of the sensor is too far can not correct detection detects the return magnetic flux emanating from it is too near the magnetic address plate, it will not be able to detect the correct address.
2. Also, please use as the magnetic address sensor passes near the center of the width direction of the magnetic address plate.  
 Magnetic address slope those who address No is displayed is the LSB.  
 Please use the LSB of the magnetic address sensor is to fit in the direction of the LSB of the magnetic address plate.  
 It will find the correct address regardless of the passing direction of the AGV.
3. When the magnetic address plate is adjacent, it may cause a malfunction by detecting the magnetic poles of adjacent magnetic address.  
 Magnetic address plate, please use at an interval of more than 350 mm.
4. Note that if a strong magnetic field, such as those emitted by neodymium magnets, approaches the magnet, the magnetic field lines will change according to the magnetization or demagnetization.
5. Do not use the magnets in an atmosphere where they are directly subject to organic solvents, chemicals, or corrosive gases since they are made of rubber.
6. Thanks to the double-sided tape on the back side of the magnet, you just need to remove the release paper and stick the magnet to install it.