

□Model List

Flexible magnet	MG8-20-102
-----------------	------------

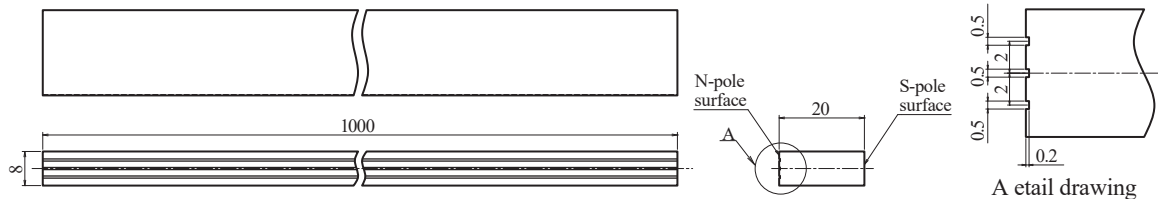
Characteristics

- Magnet that is used embedded in the floor or other surfaces.
- A groove is installed on the detection surface (N-pole side).
- The magnet can be bent and installed to follow a curve.
- Can be easily cut to facilitate length adjustment.

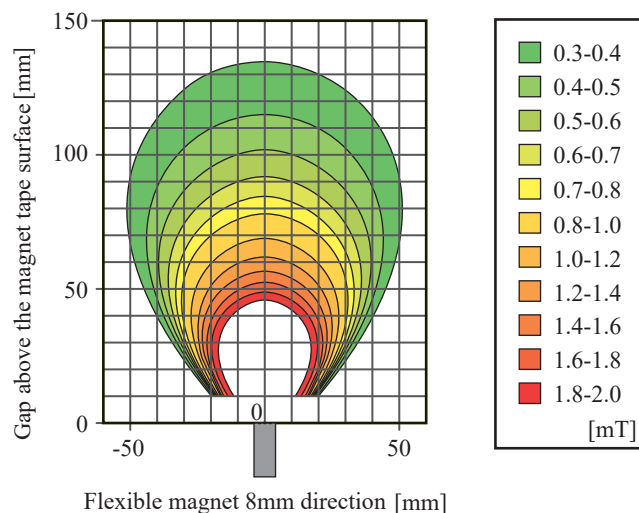
Rating / Performance

Model	MG8-20-102
Magnet	Flexible magnet (ferrite magnet + polymer resin)
Polarity Direction	N-pole on the groove side
Magnet Characteristics	Residual magnetic flux density (Br) 245 to 275 mT, Coercivity (bHC) 222kA/m or more
Hardness	HS(JISA) 97
Temperature Range	-20 to 80 °C (Without dew condensation or freezing)

External Dimensions Diagram



Contour Diagram (Typical Example)



Usage Precautions

1. When multiple magnets are installed side-by-side (as well as when several parts of a magnet that has been cut are installed together), place them so that the detection surface is composed of only sides that have the same pole.
2. 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.
3. 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.