

## MGC Control module

### 2-Channel Loop Detector (DM02)

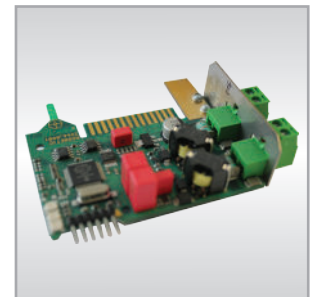
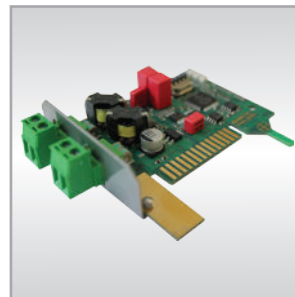
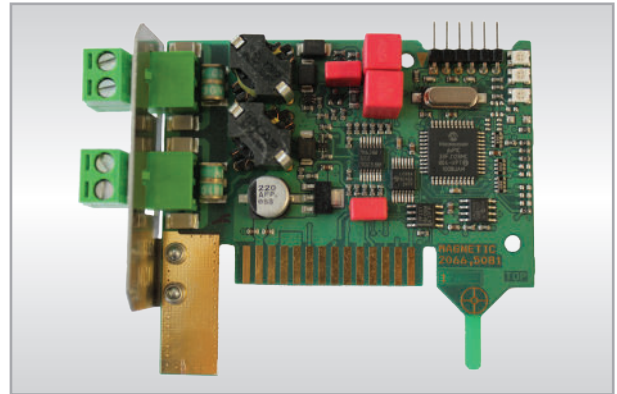
The DM02 module is a 2-channel inductive loop detector for MHTM™ MicroDrive barriers. It can be plugged directly into the control unit (Plug & Play).

The two loop channels are multiplexed, i.e. they are powered on in alternation and therefore cross-talk between the loops is prevented. Two detector modules DM02 can be used in a MGC controller which increases the number of channels to four. Also the multiplex is extended to all channels in this case, so there is no cross-talk between all four loops.

All loop channels (up to 4) can be set up as safety loop, opening loop or presence loop. Also several channels can be assigned to the same functionality.

Parameter settings for all channels can be easily adjusted via menus of the MGC controller.

The loop frequency of each channel and the frequency change caused by vehicles can be prompted on the display.



#### Technical data

Current consumption	50 mA
Number of channels	2
Inductance range	70 to 500 $\mu$ H
Sensitivity levels per channel	10
Sensitivity range	from 0,01 to 2,0 % $\Delta f/f$
Frequency ranges per channel	2 (high/low)
Connector type	Screw terminals

#### Supported barrier types

Magnetic.Access	all
Magnetic.Parking	all
Magnetic.Toll	all