



RMG 1



Magnetic detector.

RMG 1 -One-channel

Code
6100131

Inductive vehicle detection system, with single or double channel, high performance, installed in a compact housing with connections by a standard round 11 PIN industrial connector.

The system's tripping sensitivity can be adjusted to adapt to any type of vehicle.

- Automatic frequency tuning.
- The oscillation frequency of each loop is controlled and measured at power-up.
- Four frequency settings.
- Continuous updating of work frequency.
- Loop interruption or short-circuit signalled.
- Multi-function signalling LED.
- Adjustment by potentiometers.
- Application on DIN guide.

Power supply (Vac/Vdc)	12 - 24	
Absorbed power (W)	< 2.5	
Operating ambient temperature	-30°C + 70 °C	
Loop inductivity (µH)	20 - 1000	
Frequency range (kHz)	20 - 130 kHz on 2 levels	
Tripping sensitivity	from 0.005% to 0.5% (Δ/f) in 250 stages	
Reaction time	25 ms	50 ms per channel
Presence time	from 1 min. to infinity in 250 stages	
Loop power cable (m)	< 100	
Relay contacts max. capacity	230 Vac - 5A (resistive)	
Pulse duration (ms)	100 or 500	
Dimensions (mm)	77 x 40 x 75 (h)	
Loops managed	1	2

N.B.

Magnetic detectors must be installed in suitable boxes

Use a single-pole 1.5 mm² diameter cable for the loop.

The loop must be at least 15 cm away from metal objects, and at a depth of max. 5 cm from the definitive paving surface.

RMG 2



Magnetic detector.

RMG 2 - Two-channels

Code
6100132