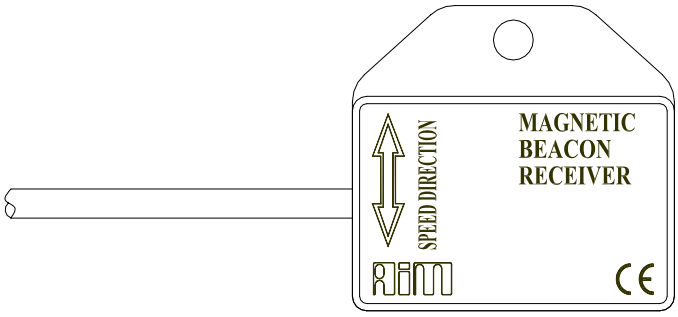


Figure 1: Magnetic lap receiver (top side view)

Introduction

The magnetic lap receiver is an instrument designed to be used on tracks equipped with magnetic strips.
When passing over a magnetic strip, the sensor installed on your vehicle (usually a kart) generates an electrical pulse. If the track is equipped with more than one magnetic strip, the sensor will generate more than one pulse per lap and you will be able to capture split times.

Installation notes

- The magnetic lap receiver has to be installed on the kart platform by using a piece of Velcro, two tire wraps or two **a-magnetic** screws;
- As shown in the following drawing, please mount the sensor parallel to the vehicle speed direction (e.g the cable out coming from the sensor must be perpendicular to the vehicle speed direction);
- When installing the magnetic receiver, select a position where the sensor will not be in contact with water, fuel or oil;
- Make sure that the sensor will not be affected by heat soak.

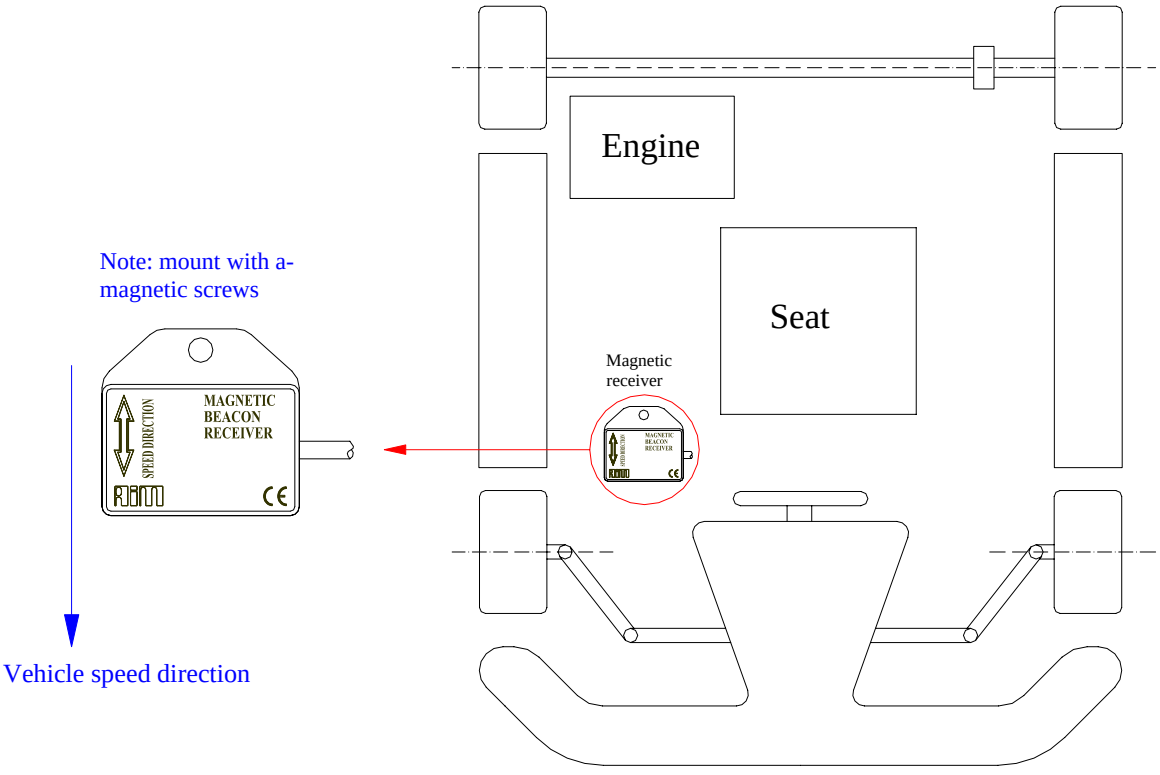
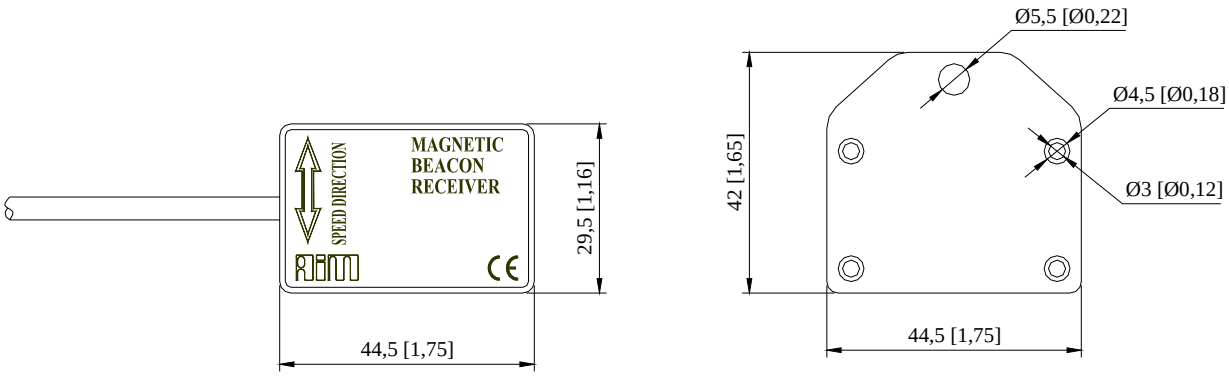


Figure 2: Magnetic lap receiver installation on a Kart's platform

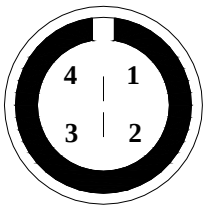
Dimensions



Dimensions in millimetres [inches]

Connector details

Pin	Function	Pin	Function
1	Magnetic lap signal	3	V battery
2	GND	4	n.c.



4 pins Binder 719 male connector: solder termination view

Technical characteristics

Characteristics	Value
Cable length	900 mm
Dimensions	32x17 mm