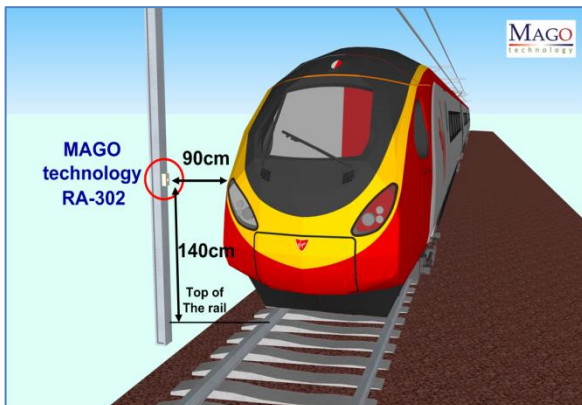# RA-302 - Noncontact TRAIN detecting sensor

❖ RA-Series train detecting sensor

- RA-Series is an innovative synthetic sensor that internally composed of 2 DSP's and 2 sensors of magnetic and integral proximity sensor to detect train on railways. It detects only trains and do not make false alarm for snow or human.

- RA-Series has a state of the art smart digital signal processing units to eliminate the various noises around railroad, and does not make false alarm for the train on another lane.

- The integral proximity sensor inside RA-Series was specially designed and optimized for detecting trains, and the installation time of the sensor is just 10 minutes.

- Optional RF communication device is also prepared to build up a stand-alone safety system for railroad workers, and also it can be easily connected to user's system.

❖ Installation of RA-302 – easy setup

- RA-302 sensor can be installed on the side of railways.

[Installation of RA Series]

[RA-301 installed on a train pole]

- Detection distance of **RA-302** is about **0.9m** between sensor and train side.

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