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Loop Detectors Datasheet

Product Information
Product Data

Loop Detectors

Marantec UK Ltd are the official agents for FEIG products in the UK & Eire.

Product Features

- USB interface for using diagnostic and service software
- New hardware platform for higher detection speed and flexibility
- Automatic calibration upon switching on or resetting
- Connection via 11-pin plug-in base for mounting on DIN rail
- Direction indication for VEK MNE2
- Adjustable relay operation
- VEK MNE 1 Multi-voltage, either 100-240V AC or 10-30V AC/DC
- VEK MNE 2 voltage of 100-240V AC

*We hold a full comprehensive range of loop detectors

As Marantec UK are the official agents for FEIG ELECTRONIC products in the UK & Eire we are introducing the new VEK MNE1/MNE2 loop detectors that provide higher detection speed and flexibility. With 12ms detections time in both single and two channel versions, the new detectors are significantly faster than before.
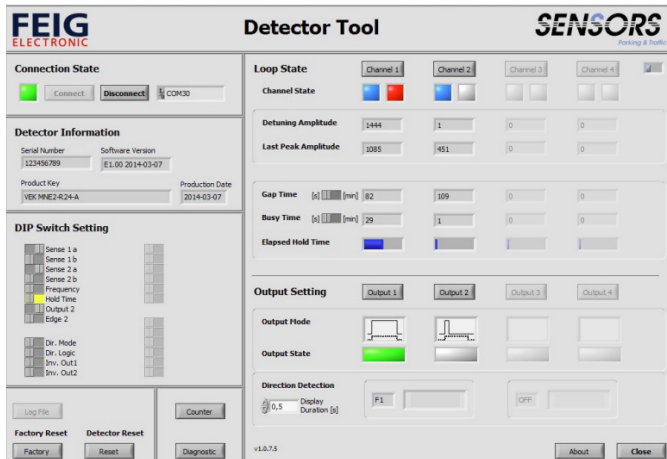
As a result direction detection of a vehicle at high speed is achievable. The detector appears in a new design, offers an USB interface for connection to a PC, Notebook or Tablet-PC. Using the free diagnostic and service software from Marantec UK Ltd, the existing setup of the detector can be viewed and, if necessary, changed on site easily and conveniently.

Technical Data	VEK MNE1: 100-240 V AC or 10-30V AC/DC VEK MNE2: 100-240 V AC
VEK MNE1	1 permanent relay with change (signal output reversible) 1 pulse relay with NO contact
VEK MNE2	1 relay per channel with NO contact (signal output reversible)
Switching power	Max 60w / 125 VA
Switching voltage	Max 230 V AC
Switching current	Max 2a
Temperature range	–37°C up to 75°C

Please Contact Our Sales Department On 01928 579050 For Further Information

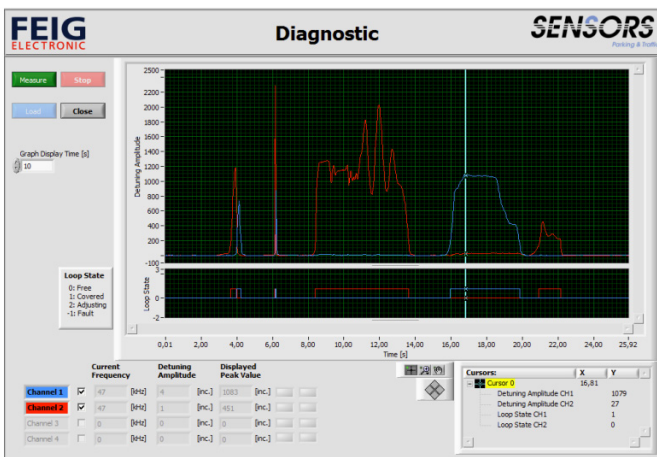![marantec logo](engineered for you)

Detector Tool

After connecting the detector to the computer and starting the software, the following window is displayed, showing information about the detector:

- "Connection State" indicates whether and via which COM port the detector was connected.
- The "Detector Information" provides in addition to the serial number the software version of the detectors.
- "DIP Switch Setting" shows the current position of the detectors DIP switches.
- Yellow highlighted settings for DIP switches document what switches have been changed via the service program.
- "Loop State" displays information about the loop status, e.g. the current detuning value of the loops and the maximum value of the last loop occupancy.
- "Output Settings" describes all output settings, for example pulse duration etc.

Diagnostic

When you click on the "Diagnostic" button the following image appears, showing the detuning values using a diagram over time.

- The image shows the exact sequence of detuning of the loops to monitor the detectors operating frequency, optimally.
- Interference from external systems are thereby easily detected and can be corrected, immediately.
- The individual diagnostic sequences can be stored explained and sent to customers or colleagues for archiving.
- The diagnostic and service software is provided by Marantec UK Ltd free of charge.

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