

## VEK MNE1 / VEK MNE2 Induction loop detector for vehicle detection



### FEATURES

- USB interface for using modern diagnostic and service software
- New hardware platform for higher detection speed and flexibility
- New design
- Automatic calibration when switching on or resetting
- Connection via 11-pin plug-in base for mounting on DIN rail
- Mode „direction indication“ for VEK MNE2
- Adjustments for relay operation principle





## ACCESSORIES

Diagnostic and Service Software (free of charge)

Cable 1.5 m with 11-pin socket

## TECHNICAL DATA VEK MNE1 / VEK MNE2

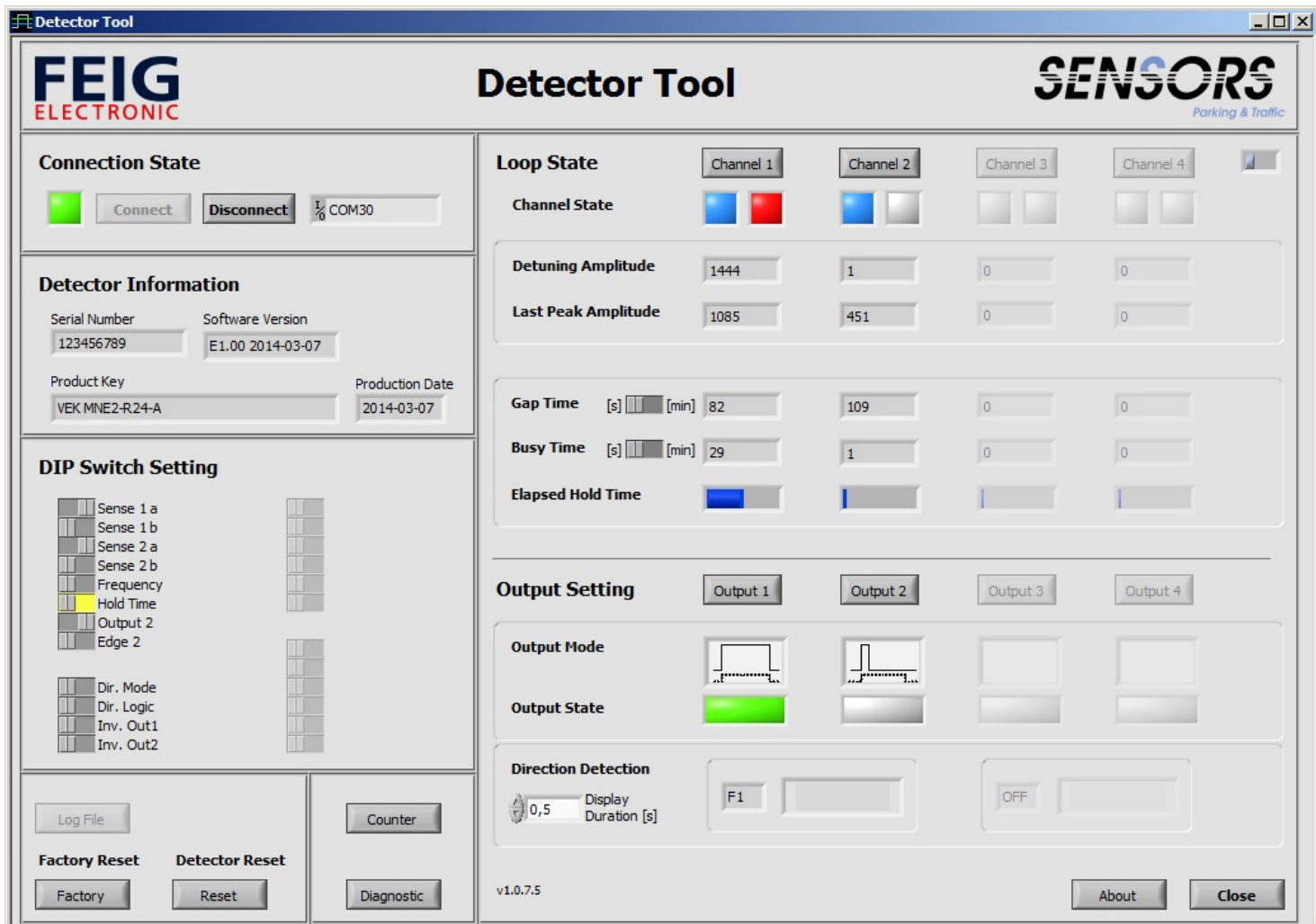
Dimensions (W x H x D)	38 x 76 x 71 mm
Housing	Plastic, 11-pin plug
Power supply	100-250 V AC (50/60 Hz), max. 2 W or 10-30 V AC/DC, max. 1 W
Inductance range	20-700 $\mu$ H
Operating frequency	30-130 kHz (2 steps)
Sensitivity range	0.02 % - 1.3 % $\Delta$ f/f (4 steps)
Loop lead-in	max. 200 m
Signal outputs	
VEK MNE1	1 permanent relay with changeover contact (signal output invertible), 1 pulse relay with NO contact
VEK MNE2	per channel 1 relay with NC contact (signal output invertible)
Switching power	max. 60 W / 125 VA
Switching voltage	max. 230 V AC
Switching current	max. 2 A
Temperature range	-37°C up to 70°C

## ORDER DESCRIPTIONS

VEK MNE1-R24-A	Traffic detector (1-channel), 10-30 V AC/DC
VEK MNE1-R230-A	Traffic detector (1-channel), 100-240 V AC
VEK MNE2-R24-C	Traffic detector (2-channel), 10-30 V AC/DC
VEK MNE2-R230-C	Traffic detector (2-channel), 100-240 V AC

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State of information: April 2016.

## Diagnostic and Service Software



The USB interface of the detector allows connection to a PC, notebook or Tablet PC. With the help of a diagnostic and service software, the existing configuration of the device can be shown and conveniently changed directly on site.

The software shows the following main parameters:

- COM port connection
- Serial number & software version of the detector
- Position of the DIP switches as well as possible changes by the software
- Information about the loop status (detuning values of the loops, maximum value of the last loop occupancy etc.)
- Output settings (e.g. pulse duration)

Detuning values can be shown using a diagram over time. They can be stored, commented and sent to customers or colleagues.

The diagnostic and service software is provided for customers of VEK MNE1 and VEK MNE2 free of charge.

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