

VEK M1B / VEK M2B

Induction loop detector for vehicle detection



FEATURES

- Isolation transformer between loop and detector electronics
- Automatic calibration when switching on or resetting
- Adjustments via button and seven segment display
- RAM-buffering for data protection in case of power failure
- Relay rise and fall time delay
- Mode „direction indication“ for VEK M2B
- Check mode for relay switching
- Connection for diagnostic device VEK FG2





TECHNICAL DATA

Dimensions (W x H x D)	68 x 105 x 168 mm
Housing	Metal, aluminium profile tube
Power supply	230 V (50/60 Hz)
Power consumption	max. 5 VA (protection class I)
Inductance range	20-700 µH
Operating frequency	30-130 kHz
Sensitivity range	0.01 %-0.50 %
Loop lead-in	max. 250 m
Signal outputs	
VEK M1B	1 relay with change over contact, adjustable to permanent or pulse output;
VEK M2B	1 pulse relay with contact n.o. 1 relay for each channel with change over contact, adjustable to permanent or pulse output; adjustable principle of rest or operation current for permanent output
Switching power	max. 60 W / 125 VA
Switching voltage	max. 250 V AC
Switching current	max. 4 A

ORDER DESCRIPTIONS

VEK M1B-A	Induction loop detector (1-channel)
VEK M2B-A	Induction loop detector (2-channel)

FUNKTION OF LED

LED green	LED red	Function
off	off	no power supply
flash	off	detector calibrates
on	off	detector operational, loop free
on	on	detector operational, loop occupied
shortly on	on / off	signal output for direction detection
off	flash	loop failure
pulse	on / off	loop failure ended, detector operational again

FEIG ELECTRONIC reserves the right to change specification without notice at any time.
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