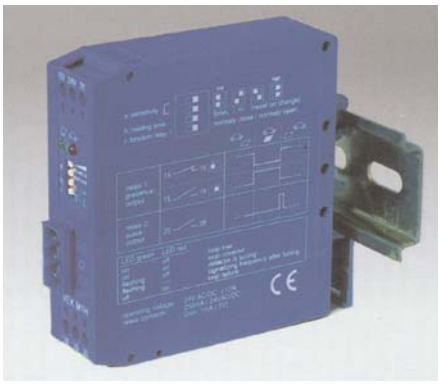
Info



MID 1E-800
Induction loop detector

Single Channel Detector

Technical Data

Power supply:	24 V AC/DC, +/- 10 %
Power consumption:	max. 1,5 W
Temperature range:	-20 C - +70 C
Max. humidity	max. 95%
Loop inductance range:	25 - 800 H
Frequency range:	30 - 130 kHz
Sensitivity range (df / f):	0,01% - 0,65% in 4 steps
Loop lead-in:	max. 250 m
Output relays:	1 presence relay with contact n.c. 1 pulse relay with contact n.o. adjustment of rest or operation current principle for permanent relay with shift switch on front plate
Switch voltage:	24 V AC/DC
Housing	plastic-clamp enclosure for shelf or DIN-rail socket with 2x 3-pin. clamps
Dimensions:	79 x 22,5 x 90 mm (h x w x d)
Protection class:	IP 40 (waterproofed)

Presence vehicle detection for parking control and gate/barrier applications

Special characteristics:

* Plastic housing with compact size to be mounted directly on DIN- or C-rail

* Direct cabling, no plug socket

* Microprocessor controlled

* Isolation transformer between loop and detector electronics

* Automatic Calibration when switching on or when changing the adjustment of holdung time

* Adjustment of unlimited holding time possible

* Indication with LED‘s

* All adjustments with DIP-switch on front panel

* Adjustments of relay operation principle

* Low voltage supply, AC or DC supply possible

Info No. VEK M1H
12/5/04

Info

MAGNETIC AUTOCONTROL™

Terminal connection

Terminal screws on top

signature	function
0V	power supply (neutral)
24V	power supply (24V AC/DC)
28	contact n.o. 2 - pulse relay

Terminal screws on bottom

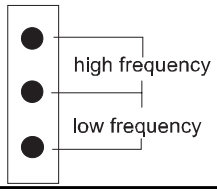
signature	function
15	contact n.c. 1 - presence relay
16	common 1 - presence relay
25	common 2 - pulse relay

DIP-switch modes

1	2	3	4	function
off	off	-	-	sensitivity - step 1 (low)
on	off	-	-	sensitivity - step 2 (med. low)
off	on	-	-	sensitivity - step 3 (med. high)
on	on	-	-	sensitivity - step 1 (high)
-	-	off	-	holding time 5 minutes
-	-	on	-	holding time unlimited
-	-	-	off	principle of rest current
-	-	-	on	principle of operation current

(off = left switch position)
(on = right switch position)

Loop connector with adjustment of frequency step



Function of LED s

LED green	LED red	function
off	off	power off
flash	off	detector calibrates
on	off	detector ready for operation, loop free
on	on	detector ready f. operation, loop occupied
off		pulse loop failure
pulse	-	loop frequency by pulse signal

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