

USER MANUAL

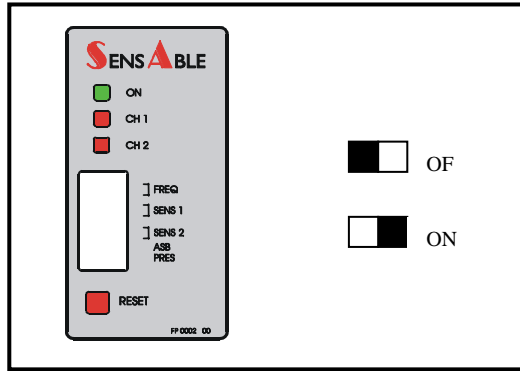
Part Number: MIC0302036

ULD 920

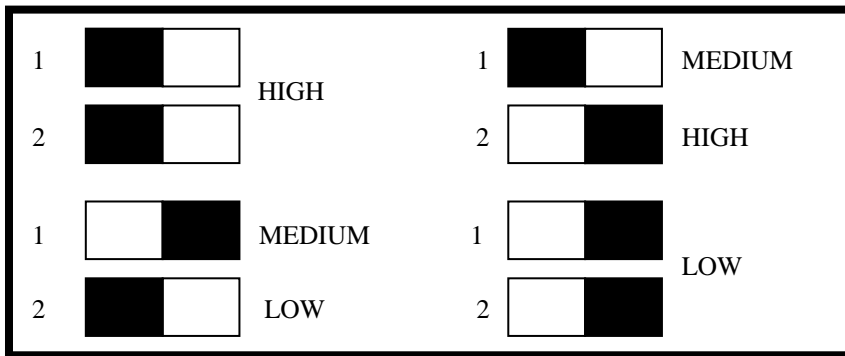
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DETECTOR COMMISSIONING



FREQUENCY (SWITCHES 1 & 2)

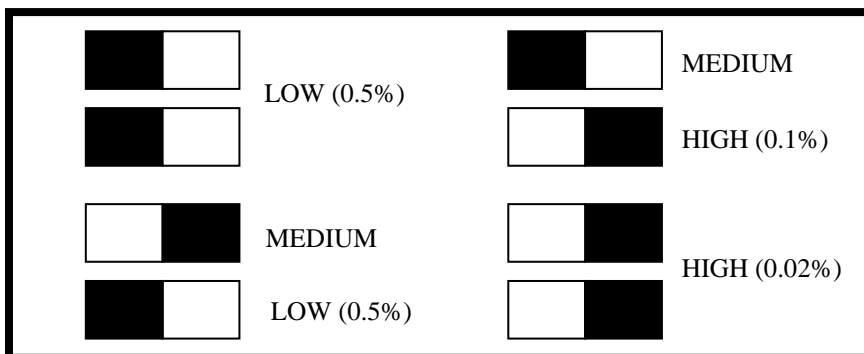


Frequency setting is provided to eliminate crosstalk (interface) between adjacent detectors. Crosstalk is indicated by random outputs, chattering relays and possible detector lock-up.

SENSITIVITY

Channel 1 - switches 3 & 4

Channel 2 - switches 5 & 6



Sensitivity settings have been optimised to reliably produce an output at the required change on inductance, or to ignore certain vehicle types if so required.
 Typical inductance changes on a 2m x 1m (3 turns) loop:-

VEHICLE	$\Delta L/L$
BICYCLE	0.02 %
MOTORCYCLE	0.12 %
ARTICULATED TRUCK	0.4 %
SEDAN CAR	>1.0 %

AUTOMATIC SENSITIVITY BOOST (ASB) (SWITCH 7)

When ASB is selected (ON) the level of sensitivity is increased to HIGH after detection has occurred. This ensures that Detection does not drop away under high-bed vehicles.

PRESENCE (PRES) (SWITCH 8)

- ON - PERMANENT PRESENCE
- OFF - LIMITED PRESENCE (1 hr for 3 % $\Delta L/L$)

INTERNAL LINKS

AB LOGIC

- No AB Logic . . .
- AB Presence . . .
- AB Pulse . . .

PULSE / PRESENCE

- PP 1 – channel 1
- PP 2 – channel 2
- Presence .
- .
- Pulse .
- .
- .

