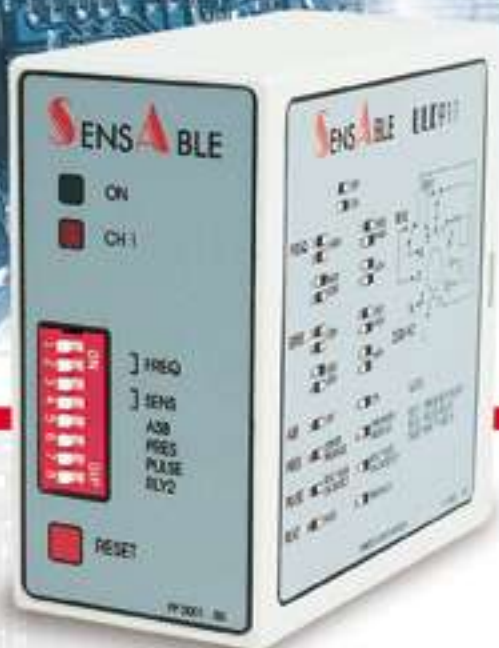




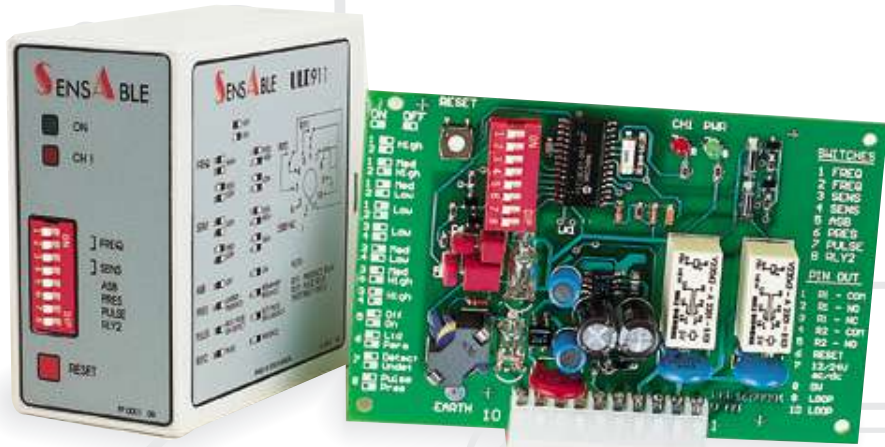
The ideal Inductive Loop Vehicle Detectors for :

- Parking Barrier Control
- Vehicle Access Control
- Industrial Access Control
- Motorised Gates & Doors



ULD 910 Features

- Compact housing
- Wide self-tuning range
- Strong loop field strength
- Sensitivity levels optimised for parking/vehicle access applications
- High interference immunity
- Selectable output configuration
- Permanent presence feature
- High level circuit protection



ULD 910 Technical Information Functional

Tuning	: Automatic
Inductive Range	: 20-1500 μ H
Sensitivity	: Four step adjustable Maximum 0.02% Δ L/L Minimum 0.5% Δ L/L
Sensitivity Boost	: Selectable on Med High, Med Low & Low Settings
Frequency	: Four step adjustable Range: 20 - 140kHz
Response Time	: Approx. 100 ms
Output configuration	: 2 Output relays Relay 1 - Presence (Fail safe) Relay 2 - Pulse/Presence (selectable)
Presence Time	: Selectable - Permanent or limited (1hr for 3% Δ L/L)
Pulse Output Duration	: 150 ms (250 ms factory option)
Pulse Timing	: Selectable - Entry or exit
Indications	: 2 LED's Green = Power Red = Output
Reset Push Button	: Flush mount on front panel
Protection	: Loop-Isolation transformer/zener diode/GDT Power/Relays - MOV
Power	: 230V A.C. \pm 15% 115V A.C. \pm 15% 12 - 24V AC/DC \pm 15%

Current Consumption : 100 mA max
Relay Rating : 5A @ 230V A.C.

ENVIRONMENTAL

Operating Temperature: -40°C to +80°C
Storage Temperature : -40°C to +85°C
Humidity : Up to 95% RH

MECHANICAL

BOXED MODEL

Dimensions : 76mm(high) x 40mm(wide)
x 75mm(deep)
Connector : Single rear mount
11-pin submagnal

CARD MODEL

Dimensions : 105mm x 68mm
Connector : 10-pin female
Molex 2145 Type A

ORDERING INFORMATION

Boxed ULD 9	1	X	
			Voltage
			1 Channel
			Model
	X = 1	230V A.C.	:ULD466911F
	X = 2	115V A.C.	:ULD466912F
	X = 3	12 - 24V AC/DC	:ULD466913F
Card ULD 813		12 - 24V AC/DC	:ULD466813F

SENSABLE SENSORS

P.O. Box 15940
Westmead 3608
South Africa

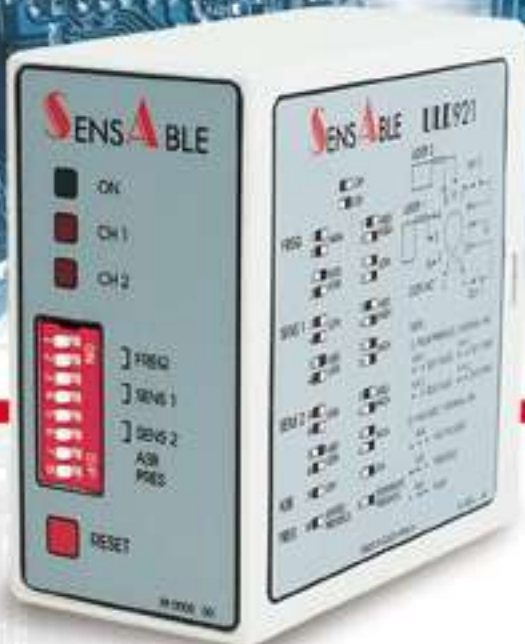
Tel: +27 31 700 8099
Fax: +27 31 700 8121





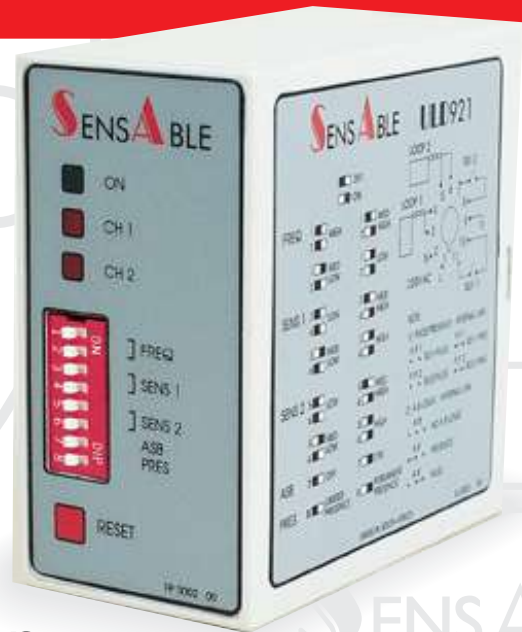
The ideal Inductive Loop Vehicle Detectors for :

- Parking Barrier Control
- Direction Logic Applications
- Ramp Control Systems
- Motorised Gates & Doors



ULD 920 Features

- Compact housing
- Wide self-tuning range
- Strong loop field strength
- Sensitivity levels optimised for parking/vehicle access applications
- Selectable output configuration
- Direction logic feature
- Permanent presence feature
- High level circuit protection



ULD 920 Technical Information Functional

Tuning	: Automatic
Inductive Range	: 20-1500 μ H
Sensitivity	: Four step adjustable Maximum 0.02% Δ L/L Minimum 0.5% Δ L/L
Sensitivity Boost	: Selectable on Med High, Med Low & Low Settings
Frequency	: Four step adjustable Range: 20 - 140kHz
Response Time	: Approx. 120 ms (Turn on/turn off)
Output configuration	: Selectable on PCB 2 Output relays Relay 1 - Presence/Pulse/AB Relay 2 - Presence/Pulse/BA
Direction Logic	: Selectable - Presence/Pulse
Presence Time	: Selectable - Permanent or limited (1hr for 3% Δ L/L)
Pulse Output Duration	: 150 ms (250 ms factory option)
Indications	: 3 LED's Green = Power Red = Output per channel
Reset Push Button	: Flush mount on front panel
Protection	: Loop-Isolation transformer/zener diode/GDT Power/Relays - MOV

Power	: 230V A.C. \pm 15% 115V A.C. \pm 15% 12 - 24V AC/DC \pm 15%
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Current Consumption	: 165 mA max
Relay Rating	: 5A @ 230V A.C.

ENVIRONMENTAL

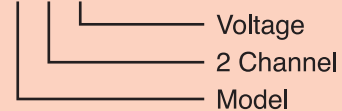
Operating Temperature	: -40°C to +80°C
Storage Temperature	: -40°C to +85°C
Humidity	: Up to 95% RH

MECHANICAL

Dimensions	: 76mm(high) x 40mm(wide) x 75mm(deep)
Connector	: Single rear mount 11-pin submagnal

ORDERING INFORMATION

Boxed ULD 9 2 X



X = 1	230V A.C.	ULD466921F
X = 2	115V A.C.	ULD466922F
X = 3	12 - 24V AC/DC	ULD466923F

SENSABLE SENSORS

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Westmead 3608
South Africa

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Fax: +27 31 700 8121

SENSABLE
SENSORS