

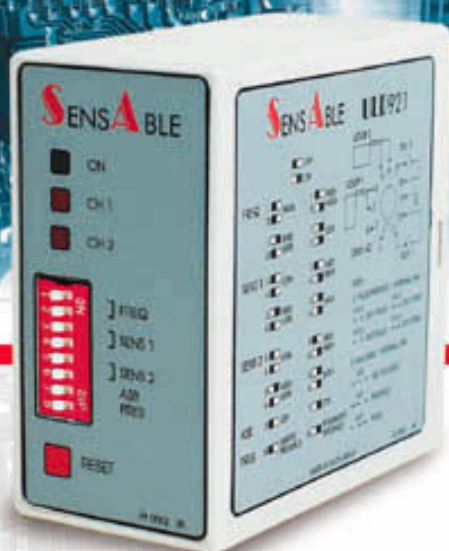
Dual Channel Vehicle Detectors

ULD 920



The ideal Inductive Loop Vehicle Detectors for :

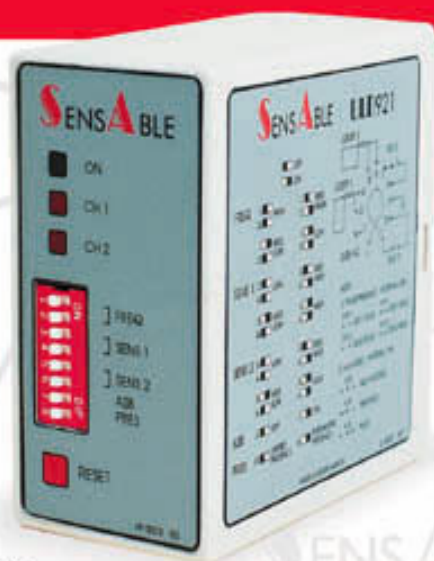
- Parking Barrier Control
- Direction Logic Applications
- Ramp Control Systems
- Motorised Gates & Doors



SENSABLE
SENSORS

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

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

— Voltage
— 2 Channel
— Model

X = 1 230V A.C. ULD466921F

X = 2 115V A.C. ULD466922F

X = 3 12 - 24V AC/DC ULD466923F