FLUX
Inductive Loop Detectors
Product codes: FLUX SA: **FLUXSA00V1;** FLUX 11 12-24V DC: **FLUX1100V1;** FLUX 11 230V AC: **FLUX1101V1**

Centurion Systems has taken all the hassle out of installing ground loops with our range of highly-sensitive inductive loop detectors for vehicle access applications. CENTURION FLUX loop detectors are extremely easy to install and commission and provide useful feedback for on-the-go diagnostics.

Models Available

FLUX SA: Fast, intelligent and reliable standalone inductive vehicle loop detector.
Very fast detection speed, audio and visual diagnostics and removable terminals make for a unit that is easy to install, commission and maintain.

FLUX 11: 11-pin loop detector available in two models to suit a wide variety of vehicle access applications.
A convenient 11-pin plug-in adaptor allows the FLUX 11 to interface seamlessly with the standard loop detector 11- pin bases found in the majority of vehicle access applications.

Main Features

Mechanical Features

- Easy to install and commission, saving you time and money
- Audible and visual diagnostics for ease of setup and maintenance
- Removable terminals for quick and easy maintenance (FLUX SA only)
- Standardised size allows the FLUX 11 to be incorporated into any existing 11-pin base
- Dedicated reset button to assist with quick maintenance procedures

Electronic Features

- Very fast detection speed for quick response times – greater security
- Wide, adaptive self-tuning range for outstanding reliability
- Excellent, strong loop field strength for reliable operation
- Automatic Sensitivity Boost feature which automatically increases the sensitivity for the reliable detection of variable height vehicles
- Excellent immunity to external interference for improved reliability

Technical Specifications

Technical Data	FLUX SA	FLUX 11 DC Model	FLUX 11 AC Model
Input voltage	10V - 40V DC or 7V - 28V AC		220V - 240V AC ±10%, 50Hz (single-phase)
Standby current	50mA		<10mA
Output relay rating	1A @ 125V AC		
Detection time	4ms @ 100kHz loop frequency 10ms @ 40kHz loop frequency		
Indicators			
Visual	LED indicators showing Power, Loop Fault, 5 LEDs to indicate Loop Detection Level and Detect		
Audible	Buzzer with indication of loop detection level and loop fault		
Detector tuning range	15 - 1500µH		
Protection	Isolation transformer with 10kA lightning protection		
Connectors	Removable connectors for easy maintenance	11-pin base	
Outputs provided	1 (Configurable as either Pulse or Presence)	2 (Both Pulse and Presence)	
Mass of unit packed	85g	92g	182g
Packaging dimensions	Width: 63mm x Depth: 31mm x Height: 111mm	Width: 45mm x Depth: 96mm x Height: 81mm	Width: 45mm x Depth: 96mm x Height: 81mm
Degree of protection	IP50		