





INDUCTIVE LOOP DETECTORS

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 Systems' loop detectors are extremely easy to install and commission and provide useful feedback for on-the-go diagnostics.



FLUX INDUCTIVE LOOP DETECTORS

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
- 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
- Audible and visual diagnostics for ease of setup and maintenance
- 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 $\pm 10\%$, 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 - 1500 μ H		
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	92g
Packaging dimensions	Length: 63mm x Width: 31mm x Height: 111mm	Length: 45mm x Width: 96mm x Height: 81mm	Length: 45mm x Width: 96mm x Height: 81mm
Degree of protection	IP50		

