

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 onthe-go diagnostics.

FLUX

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

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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

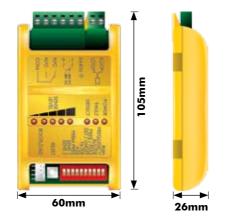
Electronic Features

- · 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
- · Excellent immunity to external interference for improved





Technical Data	FLUX SA	FLUX 11 DC Model	FLUX 11 AC Model	
Input voltage	10V - 40V DC	10V - 40V DC or 7V - 28V AC		
Standby current	50	50mA		
Output relay rating		1A @ 125V AC		
Detection time		4ms @ 100kHz loop frequency 10ms @ 40kHz loop frequency		
Indicators				
Visual	LED indicators showing Pov	LED indicators showing Power, Loop Fault, 5 LEDs to indicate Loop Detection Level and Detect		
Audible	Buzzer with in	Buzzer with indication of loop detection level and loop fault		
Detector tuning range		15 - 1500μH		
Protection	Isolation	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		







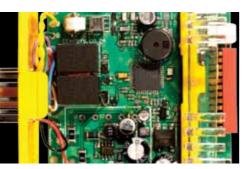












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