TECHNICAL SPECIFICATIONS

	FLUX SA
Supply voltage	10V - 40V DC
	7V - 28V AC
Standby current	50mA
Output relay rating	1A @ 125V AC
Detection time	4ms @ 100kHz loop frequency 10ms @ 40kHz loop frequency
Indicators **Visual**	LED indicators showing Power, Loop Fault, Loop detection level (5 LEDs), Detect
Audible	Buzzer with indication of loop detection level and loop faultz
Detector tuning range	15 - 1500µH
Protection	Isolation transformer with 10kA lightning protection
Connectors	Removable connectors for ease of maintenance
Dimensions	105mm (length) x 60mm (width) x 26mm (height)
Mass	85g
IP rating	IP50

	FLUX 11 12-24V DC MODEL	FLUX 11 230V AC MODEL
Supply voltage	10V - 40V DC or 7V - 28V AC	220V - 240V ± 10% 50Hz
Standby current	50mA	10mA
Output relay rating	1A @ 125V AC	1A @ 125V AC
Detection time	4ms @ 100kHz loop frequency 10ms @ 40kHz loop frequency	4ms @ 100kHz loop frequency 10ms @ 40kHz loop frequency
Visual LED indicators	LED indicators showing: Power; Loop Fault; Loop detection level (5 LEDs); Detect	LED indicators showing: Power; Loop Fault; Loop detection level (5 LEDs); Detect
Audible indicators	Buzzer with indication of loop detection level and loop fault	Buzzer with indication of loop detection level and loop fault
Weight	92g	92g
Detector tuning range	15 - 1500µH	15 - 1500µH
Electronics protection	Isolation transformer with 10kA lightning protection	Isolation transformer with 10kA lightning protection
Dimensions	96mm (length) x 42mm (width) x 80mm (height)	96mm (length) x 42mm (width) x 80mm (height)
Housing material	Polycarbonate	Polycarbonate
Degree of protection	IP55	IP55
IP rating	IP50	IP50

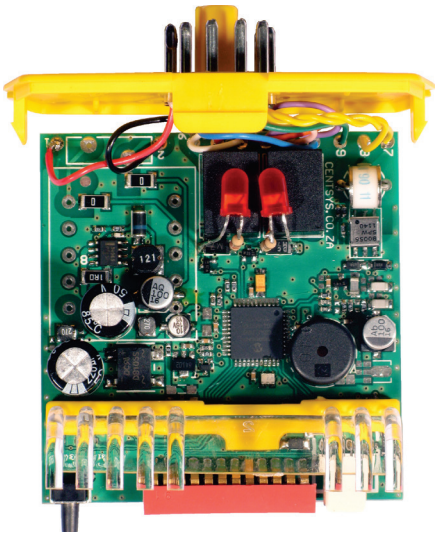
INDUCTIVE LOOP DETECTORS

Fast, intelligent and reliable inductive vehicle loop detectors

Call 0860-CENTURION (0860 236 887) to order or to find out more

Technical support line: 0861 003 123 (Monday - Friday: 07h00 - 18h00, Saturday 08h00 - 16h30)

LOOP DETECTORS



FLUX 11

FLUX is a range of single-channel inductive loop detectors designed for vehicle access applications, consisting of a standalone version as well as an 11-pin model.
These detectors are responsive, highly sensitive, and utilise sophisticated software algorithms which adapt to prevent false triggering due to changing environmental conditions.

Easy-to-use dipswitches, as well as visual and audible feedback of loop operation, ensure a hassle-free installation experience.

The **FLUX SA's** clever design allows it to be installed virtually anywhere with a minimum of effort, while **FLUX 11** interfaces seamlessly with the standard loop detector 11-pin bases found in the majority of vehicle access systems.

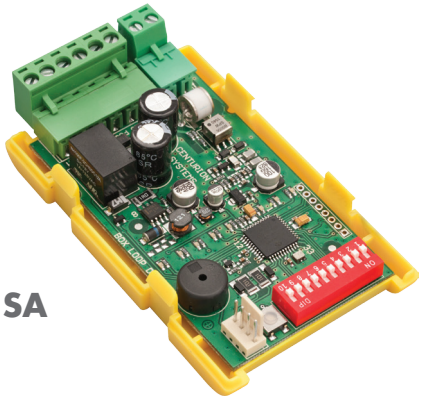
In addition, the **FLUX 11** is available in both a low-voltage 12V DC variant as well as a powerful 230V AC model, making it an extremely versatile access control solution and eliminating the need for expensive transformers or time-consuming rewiring.

Typical uses include free-exit loops, safety loops, closing loops for traffic barriers, arming loops for access control equipment, and general vehicle sensing applications.

FEATURES AND BENEFITS

- Very fast detection speed for quick response times
- Detection filter and high-level circuit loop protection provides excellent immunity to interference from external sources for improved reliability
- Easy to install and commission saving you time and money
- Audible and visual diagnostics for ease of setup and maintenance
- Bootloader interface for ease of firmware upgrades
- Wide, adaptive self-tuning range for outstanding reliability
- Excellent, strong loop field strength for reliable operation
- Automatic Sensitivity Boost feature which boosts the sensitivity automatically to cater for the reliable detection of vehicles of various heights
- Removable terminals, coupled with mounting points provide for quick and easy installation and maintenance[1]
- Adjustable sensitivity to cater for a variety of installation requirements
- Selectable Permanent Presence feature to prevent unintended barrier or gate closure
- Standardised size allows the **FLUX 11** detector to be incorporated into any existing 11-pin connector base[2]
- Eight sensitivity settings allows for accurate and reliable detection[2]

1. Applies to FLUX SA only
2. Applies to FLUX 11 only



FLUX SA