





INDUCTIVE LOOP DETECTORS

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

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 ±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	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		





OUR DIGITAL AND ONLINE BRAND PRESENCE AND SUPPORT

WEBSITE

- Landing pages in French, Spanish, Portuguese and Thai
- Access to product documentation, comparison charts and diagnostic guides
- Device software
- G-WEB PLUS interface for administering CENTURION GSM devices
- Massive library of useful articles
- <http://www.centsys.com>

SUPPORT

- Dedicated technicians, unrivalled backup support and friendly and efficient sales personnel
- Technical support in all official languages, as well as French, Spanish and Portuguese
- Call centre operates 7am to 6pm (GMT +2), Monday to Friday and 8am to 4:30pm (GMT +2) on Saturdays

SOCIAL MEDIA

- “Like” our Facebook page (www.facebook.com/centurionsystems) and follow us on Twitter (@askCenturion) for all the exciting company news, launches, roadshows, competitions as well as technical and sales support
- Subscribe to our YouTube channel for access to an extensive library of how-to videos and tutorials
- Interesting and innovative installations from around the world, including unusual uses of CENTURION products
- Are you on our YouTube channel? Showcase your installations!

NEWSLETTER

- Fantastic way of staying abreast of company news, developments, events and functions, new products and enhancements to existing range



INDUSTRY-LEADING PRODUCT TECHNOLOGIES

TECHNOLOGY

CENTURION products feature a host of industry-leading technologies, all conducive to greater security, greater convenience and superior functionality. Just some of the advanced technologies found in our products are:

- **ChronoGuard** – a world-first timer technology that allows the user to set a myriad Auto-activation and Time-barring functions using the onboard Real Time Clock and Calendar, which tracks the date up to the year 2099
- **Intruder-detection Alarms** – The novel feature-set – consisting of the Beam Alarm and Ambush Alarm - ups the security ante even further by providing an audible output when the infrared gate safety beams are obstructed, or remain interrupted for a pre-defined period of time
- **Code-hopping technology** – CENTURION remote controls are equipped with code-hopping encoders which process the outgoing transmission through a sophisticated encryption engine, making copying and cloning virtually impossible. No two transmitted codes will ever be alike

- **Onboard diagnostics** – Our D-Series range provides both audible and visual feedback of the gate status at any given time. In addition, a designated diagnostic screen makes fault-finding a breeze
- **High-volume capability** – CENTURION operators are designed to work hard, and work hard they do – with some operators such as the SECTOR II traffic barrier being capable of performing in excess of 3000 operations every single day



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**Sharecall numbers applicable when dialled
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