



SicurFlex

FENCE PERIMETER
PROTECTION
SYSTEM



MAIN APPLICATIONS: Industrial Governmental Residential



The SICURFLEX perimeter protection system provides reliable and cost effective solution for protecting properties from unauthorised intrusions.

Developed for the recent demand for cost-effective solutions for the protection of solar parks as well as photovoltaic frames, SICURFLEX can be employed in many type of fence, such as welded mesh, chain link and barbed wire fences.

How It Works

The system operates by means of a sensor cable (FLEXCB), which is mounted all along a perimeter fence (or photovoltaic frame): An electrical signal in response to movement or deformation of the cable will generate, within the desired threshold level, an alarm condition.



No Sensitive Zones

Where detection is not required, NO sensitive zones can be created using Junction boxes and standard RG59 cable (e.g. in order to bypass gates or simply remote the Evaluation unit from the Fence).



SYSTEM COMPONENTS

FLCEN	Single zone evaluation unit
FLCENDUO	Dual zone evaluation unit
FLEXCB	Sensor cable (for mesh fences and concertina)
FLEXCBVB	Sensor cable (for welded wire mesh fences)
RG59	Connection cable
FLEXTR	Termination unit of FLEXCB
FLEXCN	Junction unit between FLEXCB and RG59

FLCEN TECHNICAL FEATURES

POWER SUPPLY	12VDC
CONSUMPTION	5mA
WORKING TEMPERATURE	-40°C / +80°C
MAX UMIDITY AT 35°C	98%
ALARM OUTPUT	Dry Contact
TAMPER OUTPUT	Dry Contact
METALLIC BOX DIMENSIONS (mm)	90 x 146 x 45 (l x h x d)
PLASTIC BOX DIMENSIONS (mm)	250 x 300 x 160 (l x h x d)
HOUSING	IP65
WEIGHT (APPROX)	5,0 Kg.

FLEXCB/FLEXCBVB TECHNICAL FEATURES

MAX CABLE LENGHT	500m
SECTION DIAMETER	8mm
CUT-SHORT CIRCUIT DETECTION	YES
FLEXTR IMPEDENCE	220 KOhm
FLEXTR-FLEXCN DIMENSIONS	42 x 53 x 27mm

High resistance against distortions and UV rays

Optional clamping KIT for sensor cable mounting