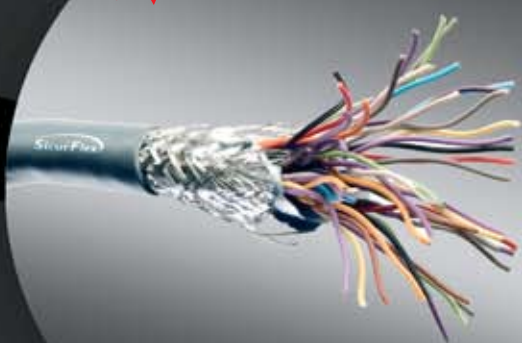


# SicurFlex

Security runs over cable

NEW



## Protection System for Solar Panels and Perimetral Fences

- Cost-effective solution
- High detection capability
- Fast and easy installation
- Can be mounted on existing or new fences
- Ideal protection for solar panels
- Setup of non-sensitive zones
- Easy to maintain
- Low false alarm rates

RANGE up to 500 mt.



OUTDOOR PROTECTION  
OUR PROFESSION



MADE IN ITALY

## SICURFLEX

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 different applications and can be installed on any type of fence available on the market.

### DETECTION PHILOSOPHY

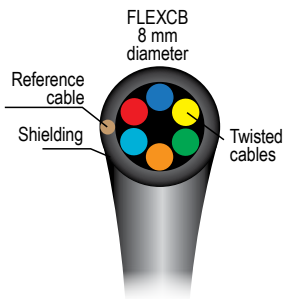
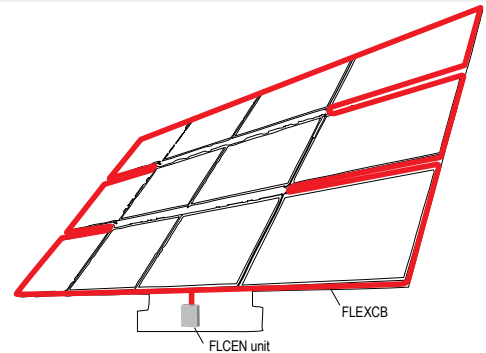
The system operates by means of a sensor cable (**FLEXCB**), which is mounted all along a perimeter fence (or photovoltaic frame): An electrical signal in response to movement or deformation of the cable will generate, within the desired threshold level, an alarm condition.



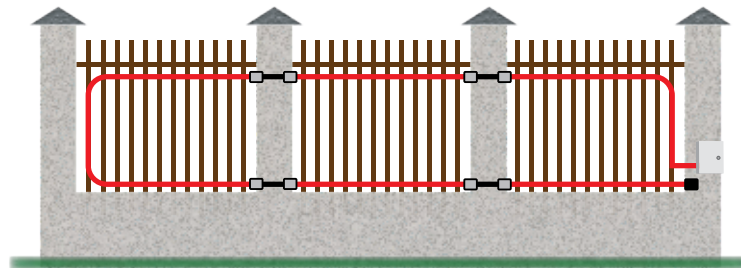
FLCEN analysis unit



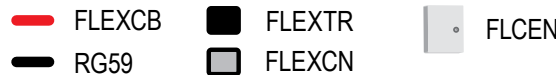
FLCEN inside view



Section of FLEXCB cable



Block Diagram



### CODES & COMPONENTS

- **FLCEN:**  
evaluation unit
- **FLEXCB:**  
sensor cable
- **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	-20°C / +50°C
Max umidity at 35°C	98%
Alarm Output	Dry Contact
Tamper Output	Dry Contact
Metallic Box Dimensions (mm)	90 x 146 x 45 (b x h x p)
Plastic Box Dimensions (mm)	250 x 300 x 160 (b x h x p)
Housing	IP65
Weight (approx)	300 gr.

### FLEXCB Technical Features

Max Cable Lenght	500 mt.
Section Diameter	8 mm.
Cut-Short Circuit Detection	SI
FLEXTR Impedence	220 KOhm
FLEXTR-FLEXCN Dimensions	42 x 53 x 27 mm.

High resistance against distortions and UV rays

Optional climping KIT for sensor cable mounting available upon request