

# PROXILIS ECO

## Access control readers

13.56 MHz proximity readers

### Simple & Economical

PROXILIS ECO is a proximity reader specially designed for companies which require a simple and economical access control solution.

Easy to manage and install, this reader is ideal for companies who simply need to return a serial number, with no concept of multi-applications (biometrics, cafeteria...). It reads CSN numbers from A, B, B' or UltraLight C cards.

The RS485 communication between the PROXILIS ECO and the LPU is encrypted. And with the Mifare UltraLight C card, the integrated 3DES cryptographic resources also allow the serial number to be read securely (anti-cloning).



### THE PLUS POINTS

#### Stylish

With its ultra-slim design, available in several colours, and its mood lighting to provide good visibility in the dark, PROXILIS can be fitted easily and advantageously in buildings.

#### Environmentally friendly

PROXILIS contributes to improving the energy efficiency of buildings since their power consumption level is much lower than other readers on the market (0.25 W).

#### Available in several versions

The PROXILIS reader also exists in a slim shape (for door posts) and in an anti-vandal version. A remote antenna model for specific integrations is also available.

### Principles & Functionalities

- 32 to 80 bits serial number reader.
- No key management, no customer encoding, no configuration.
- Encrypted RS485 communication with presence control between the reader and the LPU or Wiegand/Dataclock.
- Possibility of a secure reader with an economical card (Mifare UltraLight C).

### The range of readers PROXILIS ECO, STD and PRO

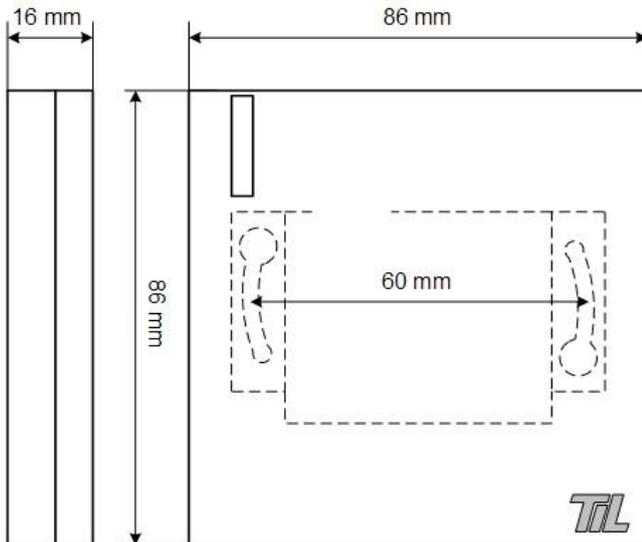
PROXILIS	PROXILIS SLIM	PROXILIS ANTI-VANDAL

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## Mechanical dimensions



## References

### PROXILIS ECO readers:

- Ⓞ **LEC05MF2000-XB5:** square indoor reader PROXILIS, A,B, B' and Ultralight C cards - CSN 10 characters\*, RS485, black
- Ⓞ **LEC05MF2000-XB0:** square indoor reader PROXILIS, A,B, B' and Ultralight C cards - CSN 10 characters\*, Wiegand/DataClock, black

If reading CSN 14 or 20 characters is needed, please specify in order.

### Plastic covers - standard colours

- Ⓞ **CAP05MF2000-G :** square plastic cover, grey
- Ⓞ **CAP05MF2000-B :** square plastic cover, white
- Ⓞ **CAP05MF2000-BL :** square plastic cover, blue
- Ⓞ **CAP05MF2000-VI :** square plastic cover, purple
- Ⓞ **CAP05MF2000-MR :** square plastic cover, brown

### Other colours upon request

- Ⓞ Additional cost is a fixed sum
- Ⓞ Minimum quantity required to launch production.



## Standards & Compliance

### Standards :

- Ⓞ Standards ISO14443 A, B and B', ISO18092 Level 1 to 4
- Ⓞ DES, 3DES, AES, RSA, ECC, SHA Cryptographics

### Cards :

- Ⓞ A Cards (Mifare Classic, Mifare +, Desfire, UltraLight C)
- Ⓞ B Cards B (SLE88, CD21...)
- Ⓞ B' Cards (transports)

## Detailed features

- Ⓞ **Power supply:**  
12 VDC (9 to 15 VDC)
- Ⓞ **Average consumption:**  
0.25 W
- Ⓞ **Operating frequency:**  
13.56 MHz
- Ⓞ **Max. distance between the module and the reader:**  
600 m
- Ⓞ **Communication interface:**  
RS485 encrypted, live signal or Wiegand/DataClock
- Ⓞ **Connectors:**  
4-pin terminal included
- Ⓞ **Materials:**  
ABS
- Ⓞ **Dimensions :**  
86 x 86 x 16 mm
- Ⓞ **Mounting:**  
Wall mounted or in flush-mounted box 80 mm, 2 screws 4 mm
- Ⓞ **Reading distance:**  
Up to 8 cm depending on the card technology
- Ⓞ **Signalling:**
  - White mood lighting
  - Controllable red/green leds
  - Integrated buzzer
- Ⓞ **Operating temperature:**  
from -20°C to +70°C
- Ⓞ **Weight:**  
0.10 kg

## Your distributor

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