

TM1 series

ADVANCED PROXIMITY FOR ACCESS CONTROL



PRODUCT APPLICATION

TM1series reader is designed to provide the "Lowest Installed Cost" and fits directly onto a UK light switch back box. It is innovative, with a slim profile and has a clip on cover. The cover has a simple "clean" aesthetic appeal and is available in a choice of colours.

The **TM1series** proximity reader is quick and easy to install and fits directly onto a standard UK light switch back box using standard 3.5 mm mounting screws.

The robust moulded housing is manufactured from a tough polycarbonate UV polymer compound making the reader virtually vandal resistant.

FEATURES

- PANEL INTERFACE**
A wide variety of output formats can be supplied to suit all applications.
- QUALITY DESIGN**
Third Millennium has over ten years of electronic design experience of RFID technology, assuring complete peace of mind when the readers have been installed.
- FLEXIBLE CONNECTIONS**
Two visual indicators and an integral speaker allow for various connection combinations.
- CARDS AND TAGS**
A wide range of identity cards and key fobs are available to suit virtually every application. Standard ISO style plastic cards, with or without magnetic stripe, can be surface printed using standard PVC card printers.

Read Range up to 15cm+.



POWERED BY THIRD MILLENNIUM, HID, MIFARE OR LEGIC



mifare®

LEGIC®





TM1 series

ADVANCED PROXIMITY FOR ACCESS CONTROL

- UK DESIGN AND MANUFACTURE
- RUGGED CONSTRUCTION
- CLIP ON POLYCARBONATE COVER
- HERMETICALLY SEALED HOUSING
- OUTDOOR ALL-WEATHER OPERATION
- -20°C TO +60°C OPERATION
- WIDE RANGE OF OUTPUT FORMATS
- TWO LED'S AND SPEAKER
- 5 YEAR LIMITED WARRANTY
- M3.5 SCREWS SUPPLIED
- 86MM X 86MM X 16MM DEEP
- CE APPROVALS
- FITS STANDARD LIGHT SWITCH BOX
- CUSTOMER BRANDING

TECHNICAL SPECIFICATION

Mechanical

Housing:
Moulded polycarbonate
with fully encapsulated
electronics

Size:
86mmx86mmx16mm

Weight:
110g nominal

Mounting:
2 x M3.5 screws (supplied)

Connection

(screw terminals)
1 – Supply +5 Vdc to +16 Vdc
2 – Clock/Data 1
3 – Data/Data 0
4 – Green LED
5 – Red LED/Speaker
6 – Card Present
7 – Supply 0V

Environmental

Operating Temp:
-20°C to +60°C

Humidity:
100% RHNC

Electrical

Voltage: +5 Vdc to +16 Vdc
Current: 100 mA Max

Data Voltage:
Rest >4V dc
Active <1V dc

Data Output:
Wiegand Format
Clock/Data Format
Customised Outputs Formats

Indication

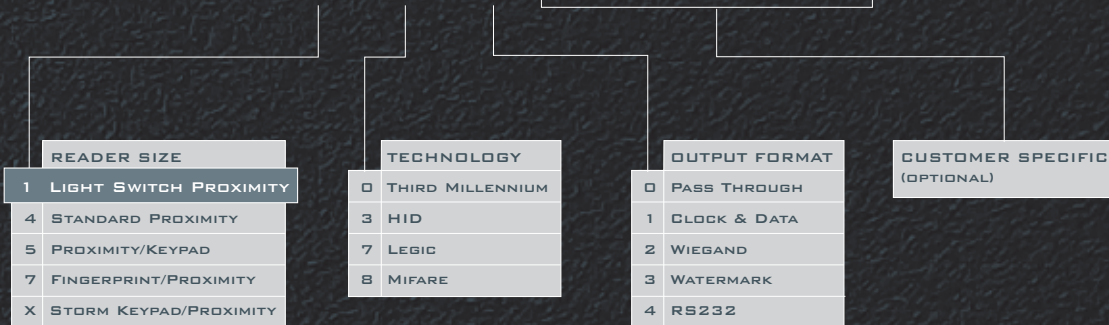
Two Bicolour LEDs:
Operation reader model
dependent

Speaker:
Audible indicator, external
control on some models



PRODUCT SELECTION AND PART NUMBERING

TM 1 * * / * * *



EXAMPLE:

TM102/A34 is a light switch style proximity reader with Third Millennium technology and a customer special 34 bit wiegand output.

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