

TM 9

style or technology ... now you can have both

SERIES

- UK DESIGN & MANUFACTURE
- RUGGED CONSTRUCTION
- HERMETICALLY SEALED HOUSING
- OUTDOOR ALL-WEATHER OPERATION
- WIDE RANGE OF OUTPUT FORMATS
- 5 YEAR LIMITED WARRANTY
- CUSTOMER BRANDING



TM125

mifare®

LEGIC®



PRODUCT APPLICATION

The **TM9 SERIES** proximity reader is designed for the more demanding application. It has a rugged construction and mounts easily to the wall.

Using our in-house graphic design department, a popular feature of the TM9 has been to offer customer branded housings, showing company logos and colours. The moulded housing is manufactured from a tough polycarbonate polymer compound, offering a high resistance to wear-and-tear and vandal attack.

Having a matching footprint, the TM9 is easily interchangeable with the TM5 SERIES keypad reader.

FEATURES

- **PANEL INTERFACE**
A wide variety of output formats can be supplied to suit most applications.
- **QUALITY DESIGN**
Third Millennium has over 15 years of experience in the design of RFID technology, and offers complete peace of mind when readers have been installed.
- **FLEXIBLE CONNECTIONS**
With 2 LED indicators and an integral speaker, the reader allows for various connection combinations.
- **CARDS & TAGS**
A wide range of identity cards and keyfobs are available to suit virtually every application. Standard ISO style plastic cards, with or without magnetic stripe, can be supplied with surface printing using standard PVC card printers, or to special order.

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TECHNICAL SPECIFICATION

Mechanical

size: 107mm x 82mm x 29mm
housing: moulded polycarbonate housing fully encapsulated electronics
weight: 200g nominal
mounting: 2 x wood screws (supplied)

Connection (screw terminal)

1 - supply +5V dc to + 16V dc
2 - clock / data 1
3 - data / data 0
4 - green LED
5 - red LED / speaker
6 - card present
7 - supply 0V dc

Environmental

operating temp: -20 °C to +60°C
humidity: 100% RHNC

Electrical

voltage: +5V dc to + 16V dc
current: 250mA typical
data voltage: rest >4V dc / active <1V dc
data output: Wiegand / clock & data / customised output formats
indication: 2 bicolour LEDs (operation reader model dependent)
speaker: audible indicator (external control on some models)

PART NUMBERING

TM 9

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STYLE	
1	TM 1 series
2	TM 2 series
4	TM 4 series
5	TM 5 series
6	TM 6 series
9	TM 9 series
T	TM T series
V	TM V series

TECHNOLOGY	
0	TM125
6	LEGIC®
8	mifare®

OUTPUT	
0	pass through
1	clock & data
2	Wiegand
3	Watermark
4	RS232
*	*
*	*
*	*

CUSTOMER SPECIFIC	
(optional)	
example:	
TM902/A34	
TM5 SERIES reader with Third Millennium technology, Wiegand output and a specific customer reference.	

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