



TPS TECHNOLOGY GROUP

# Omni-Pass Key Fob

*A Multi Technology Transmitter*  
*Technical Specifications*  
**TPS-FOB-1B/2B/4B**

Operating Voltage:	12VDC
Battery Type:	12V 7A x 1
Current Consumption:	Max. 42mA (Transmitting)
Operating Frequency:	433.92 MHz
Transmission Security:	Keeloq™ Code Hopping
Technology Modulation:	AM/ASK
RF Range:	Typical 100m (environment dependent)
Wiegand Encoding:	26 bit Wiegand data encrypted within Keeloq™ Rolling Code
Operating Temperature:	14°F ~104°F
Dimensions:	50mm x 30mm x 12mm
Safety & Certifications:	C-Tick, CE and FCC (90891)

## Coding

Each transmitter is manufactured with a secure code from Microlatch with different univocal serial numbers. The transmitter can incorporate a patented cypher Wiegand field within the rolling code RF wireless communication. In addition, the key fob contains a dual authentication chip or IC, such as Mifare, EM, HID Prox and iClass technologies.

## Memorization

Teach your transmitter according to the manual of your receiver.

## Battery Access

To change the battery, remove the screw on the back of the transmitter and open the case. Empty batteries should be disposed of properly.

## Troubleshooting

*Error: The LED of the transmitter doesn't work when you push the button.*

*Solution: Change the battery.*

*Error: The receiver doesn't work when you push the button on the transmitter.*

*Solution: Rescan the transmitter with the receiver.*

## Required Components:

TPS-REC-14, TPS-REC-20, TPS-REC-21

## Warranty

Microlatch Pty Ltd. warrants this product to be free from defects in materials and workmanship for a period of 1 year from date of purchase. In the event of failure, we will repair or replace the product at our sole discretion. This warranty does not apply in the event of accidental damage, abuse, misuse, non approved purpose or act of God. Microlatch reserves the right to change specifications without notice in the interest of product development.



TPS TECHNOLOGY GROUP  
WWW.SALES.TPSTECH.NET

888-966-4349

Manufactured By:

