

Introduction :

RF222 / MF222 is designed for Magnetic Stripe Reader to use RFID technology substitute solution.

The advantage of contactless reading and compatible MSR module housing, use PROMAG RFID technology at 125Khz or 13.56Mhz is your best system upgradeable scenario.

PROMAG RFID reader module RF222 / MF222 is the best choice to upgrade specification from Magnetic stripe module to RFID reader module, it is very simple to install RFID reader module just change RF222 or MF222 RFID module to original interface of MSR module without any additional hardware or enclosure tooling change.

Features :

- Contactless reading
- MSR interface
- 90mm MSR housing compatible
- Small and compact design
- Easy to install

Applications :

- Time recorder
- Access control terminal
- Auto-ID data collection terminal
- Security device

Specification :

Model No.	RF222	MF222
Power requirement	5VDC ± 5% at 55mA typical	5VDC ± 5% at 50mA typical
Frequency	125KHz	13.56Mhz
Read Range	80mm with ISO card *1	20~50mm *1
Interface	MSR ABA track2 Wiegand 26bit Serial TTL 9600bps,8N1	
Wire length	100 mm	
Transponder	Read only	Read only for unique serial number & identifier
Card type	EM compatible	ISO 14443A Mifare® MF1 / Ultralight
Safety certificate	CE / FCC	
Dimension	90 (L) x 22.5(W) x 24(H) mm	90 (L) x 22.5(W) x 24(H) mm
Operating temperature	-10 to 60 Deg C	-10 to 60 Deg C
Operating relative humidity	10 ~ 90%.	10 ~ 90%.

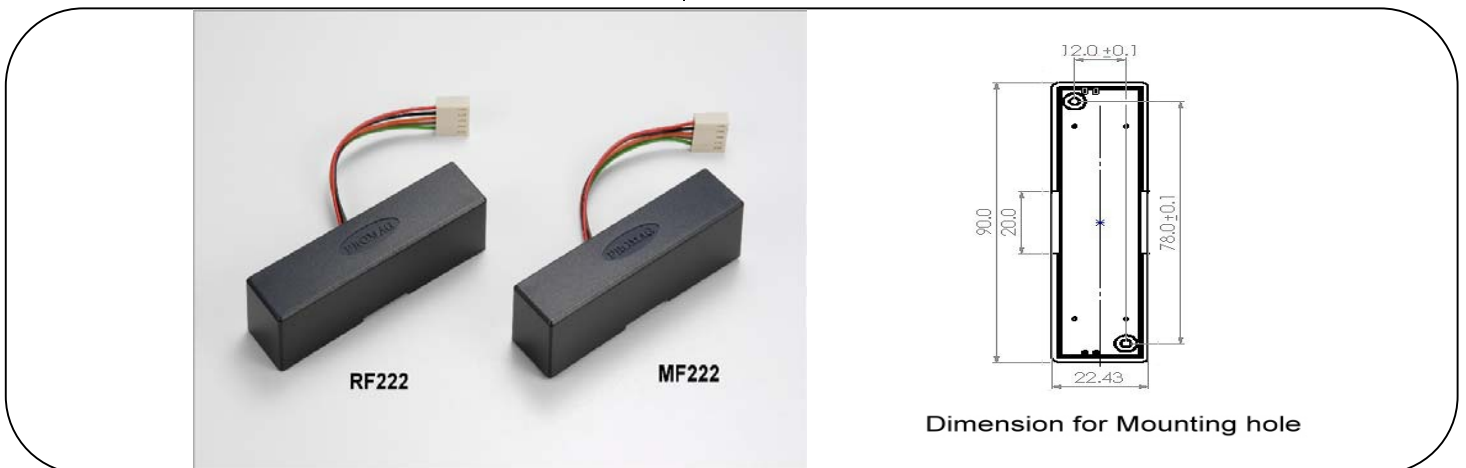
*1 Typical maximum read in ideal conditions

Available Versions :

- RF222A ---- 125KHz / MSR ABA Tack2 interface
- RF222W---- 125KHz/ Wiegand interface
- RF222S----- 125KHz/ Serial TTL interface
- MF222A----- 13.56Mhz / MSR ABA Track2 interface
- MF222W---- 13.56Mhz / Wiegand interface
- MF222S----- 13.56Mhz / Serial TTL interface

※ Mifare is a registered trademark of Philips Electronics N.V

※ Specification is subject to change without notice.



We welcome OEM inquiries

- ◆ Custom design manufacturing is available
- ◆ Custom device programming is available
- ◆ Call factory for other configuration



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