

Introduction:

[PA2183](#) / [PA2713](#) is designed for Magnetic Stripe Reader to use RFID technology substitute solution. The advantage of contactless reading for reliable Auto-ID application, use PROMAG RFID technology at 125Khz or 13.56Mhz is your best system upgradeable scenario, PROMAG RFID reader module [PA2183](#) / [PA2713](#) is the best choice to upgrade specification from Magnetic stripe reader to RFID card reader, it is very simple to install RFID reader module just change [PA2183](#) or [PA2713](#) RFID module to original interface of MSR module.

Features:

- RFID reader for Contactless reading
- MSR interface
- Small and compact design
- Easy to install

Applications:

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

**** New release of [FeliCa](#) compatible version is available by [PA2713FL](#)**

Specifications:

Model No.	PA2183	PA2713
Power requirement	5VDC +-5% at 55mA typical	5VDC +-5% at 50mA typical
Frequency	125KHz	13.56Mhz
Read Range	70mm with ISO card *1	10~40mm *1
Interface	MSR ABA track2	MSR ABA track 2 Wiegand 26bit Serial TTL 9600bps , 8N1
Wire length	100 mm	
Transponder	Read only	Read only for unique serial no. & identifier
Card type	EM compatible	ISO 14443A Mifare® MF1 / Ultralight
Dimension	100 x 28 x 17.1mm	100 x 28 x 2.5mm 100 x 28 x8.5mm
Weight	200 g	180 g
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**

Ordering information:

- [PA2183](#) MSR interface (dimension 100 x 28 x 17.1mm)
- [PA2713-01](#) MSR interface (dimension 100 x 28 x 2.5 mm)
- [PA2713-00](#) MSR interface (dimension 100 x 28 x8.5 mm)
- [PA2713](#) Wiegand interface (dimension 100 x 28 x 8.5 mm)

Available optional interface : Serial TTL [PA2713-xx](#)

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※ Specification is subject to change without notice.

