

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 x 8.5mm
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

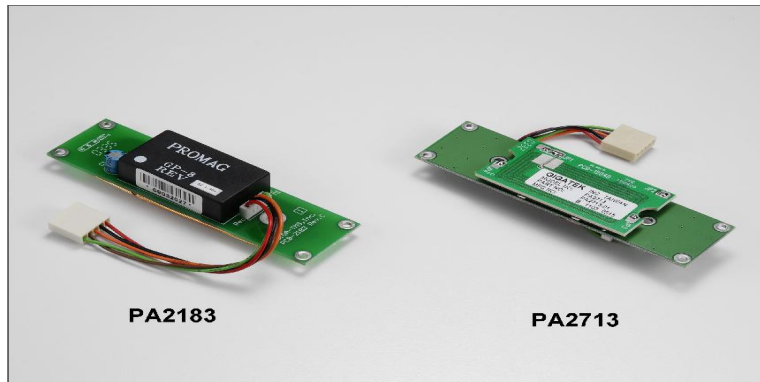
Ordering information:

- 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 x 8.5 mm)
- PA2713 Wiegand interface (dimension 100 x 28 x 8.5 mm)

Available optional interface : Serial TTL PA2713-xx

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

※ Specification is subject to change without notice.



PA2183

PA2713

We welcome OEM inquiries

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



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