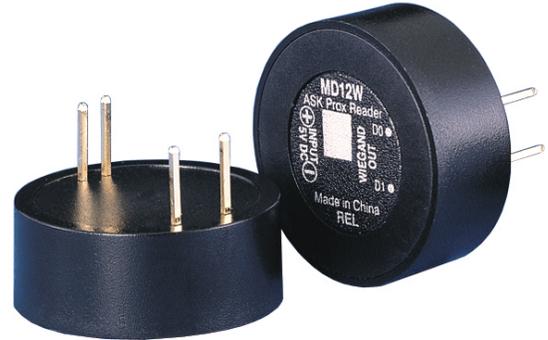


MD-12 & MD-14

OEM Proximity Reader Module (MD12)
RS-232 to RS-485 Converter (MD14)

MD-12C & MD12W: OEM Proximity Reader Module

Measuring a mere 11 mm in radius, with a height of 9.5 mm the MD-12 is the perfect proximity reader component. With probably the worlds smallest footprint, it is designed to be mounted directly onto PCBs. This reader is designed to integrate RFID technology into a variety of OEM products and applications. Available in Clock and Data (MD-12C) and 26-Bit Wiegand Formats.



ACTUAL SIZE



... probably the smallest proximity reader in the world ...

Power Supply Type	Linear type recommended
Operating Voltage Range	4.75 - 5 VDC
Maximum Input Current	36mA (Average at 5V)
RF Modulation	26-Bit Wiegand - ASK (MD-12W) Clock & Data - ASK (MD-12C)

Card Read Distance:	50mm (2")
Operating Temp. Range:	-31°C to 63°C (-25°F to 145°F)
Operating Humidity:	0 to 95% (non condensing)
Dimensions:	11mm Radius, 9.5mm Depth

MD-14: RS-232 to RS-485 Converter

Used when connecting various Rosslare Access Control and Wireless products (RS-485) to a PC (RS-232).

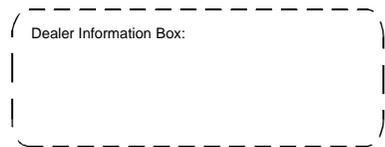
Products that use the MD-14 include:

- AC-115 Networkable Single Door Controller
- AC-015 Single Door Controller
- AC-020 Two Door Controller
- AC-102 Four Output Command and Control
- SP-06 Wireless Control Panel
- SA-21 One Channel Receiver
- SA-22 Two Channel Receiver
- SA-25 Wire to RF Transmitter



RS-232
(DB9 Connector to PC Serial Port)

RS-485
(Rosslare Connector)



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