

Connecting a Promag MF7 Mifare reader to Net2

Overview



The unit will read Mifare standard 1k and 4k transponders and MAD1/2 formats. It will provide output as Wiegand 26 bit or Clock and Data.

Paxton recommend the Wiegand 26 bit setting as this allows the site code and card number to be used.

The Yellow wire is used to set the output mode. For 26 bit Wiegand connect the Yellow wire to the White wire. For Clock and Data the Yellow wire is connected to the Orange wire and not to the ACU.

Cable Pinout	ACU terminal
Red	+12V
-	Red LED
-	Amber LED
Brown	Green LED
Green	Wiegand D0
White & Yellow	Wiegand D1
-	NOT USED
Black	0V

Red 12V dc	Reader 1
Red LED	
Amber LED	
Green LED	
Data/D0	
Clock/D1	
Media Detect	
0V out	

Ensure any unused wires are safely terminated.

To configure the LED setting, open the Net2 server configuration utility and on the 'General' tab, check the 'Display reader LED's in OEM style' box.

If the option is not available, please contact Technical support for further advice.

To set up a 26 bit Wiegand filter to select specific card data, you will need to use the Net2 Server configuration utility. Once completed, select the reader 'Token data format' in Net2 to 'Wiegand Custom'.

See AN1010 - Configuring custom Wiegand formats < <http://paxton.info/990> >

AN1112 - Configuring a Wiegand keypad < <http://paxton.info/1650> > for more information.



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