



NESS M1 Alarm Panel

- ✓ **Panel Dialler wiring**
- ✓ **Panel Dialler programming**

Background:

The PM45 & PM1048-3G (v3) communicator now has a terminal block for the connection of the female 611 fly lead (supplied). If the Alarm Panel also has a terminal block for PSTN connection, we recommend you use your own cable between the Alarm Panel dialler and PM45 & PM1048-3G (v3).

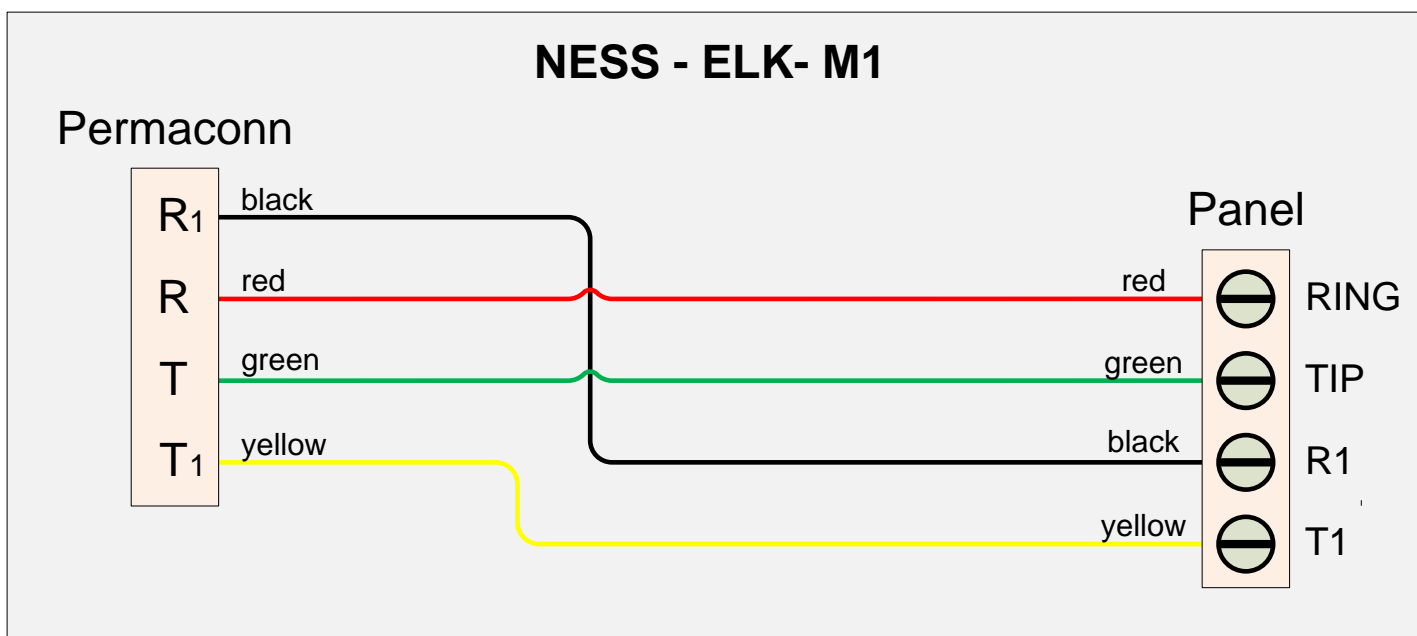
This type of installation negates the use of the female 611 fly lead, decreasing your installation time.

For four (4), six (6) and eight (8) pin RJ connectors, please refer to manufactures wiring diagram.

There are four minimum requirements from the Alarm panel for successful communication:

- 1) Must have an eight (8) digit primary phone. E.g. 12345678 or 55555555.
- 2) A four (4) digit account number.
- 3) Must be Contact ID format.
- 4) Must be set for tone (DTMF) dialling.
- 5) Optional is open / close reporting, must be enabled for Pocket Secure App.

Dialler Lead wiring between Permaconn and NESS M1 Alarm Panel:



LED indicators on M1 board

LED's	Normal State	Description
Telco Seized	OFF	Phone line is good and house phones are connected.
	ON	Constant On the phone line may be bad. Remote mode this LED will be ON
Dialler Active	OFF	Dialler/Modem is idle
	ON	Dialer/Modem is in use (communicating).

Programming the NESS M1 Alarm Panel for dialler operation:

Description	Location	Default	
Dialling Format	Menu 08 Option 1	01 = Contact ID	
Always Report	Menu 08 Option 2	0 = Always Report	
Phone Number	Menu 08 Option 3	0 = 20 digits (Permaconn device requires min 8 digits e.g. 12345678)	
Dial Attempts	Menu 08 Option 4	01 to 15 Attempts (Default is 08)	
Account N# Area 1	Menu 08 Option 5	000000	
Account N# Area 2	Menu 08 Option 6	000000	
Account N# Area 3	Menu 08 Option 7	000000	
Account N# Area 4	Menu 08 Option 8	000000	
Account N# Area 5	Menu 08 Option 9	000000	
Account N# Area 6	Menu 08 Option 10	000000	
Account N# Area 7	Menu 08 Option 11	000000	
Account N# Area 8	Menu 08 Option 12	000000	
Open/Close Report	Menu 08 Option 16	Yes or No options	(Used for Pocket Secure) (App)
Keyswitch Close	Menu 09 AR1 Opt. 10	Default is 00 (no report).	(Used for Pocket Secure) (App)
Keyswitch Open	Menu 09 AR1 Opt. 16	Default is 00 (no report).	(Used for Pocket Secure) (App)