AUTOFLAME®

Mk8 O$_2$ Interface
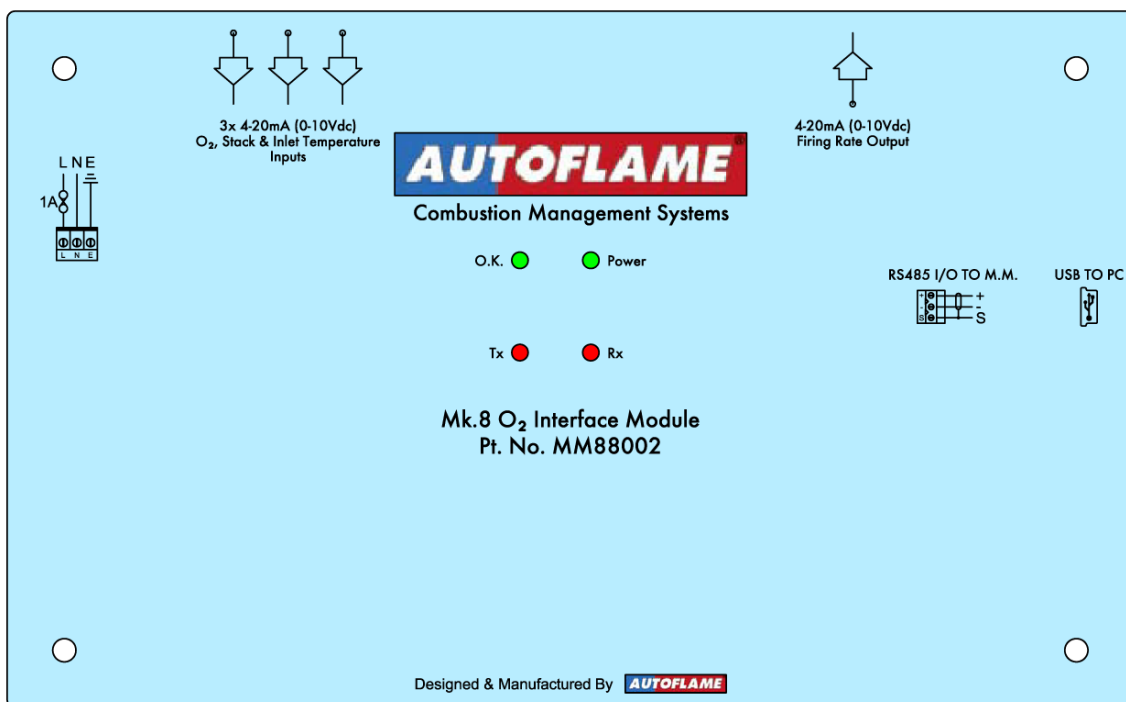
The Mk8 O2 Interface can ONLY be used with the Mk8 Controllers (Mk8 MM & Mini MK8 MM).

O2 interface setup

The default configuration for inputs 1, 2, 3 and output 1 is 4-20mA, (0-10vdc can also be used).
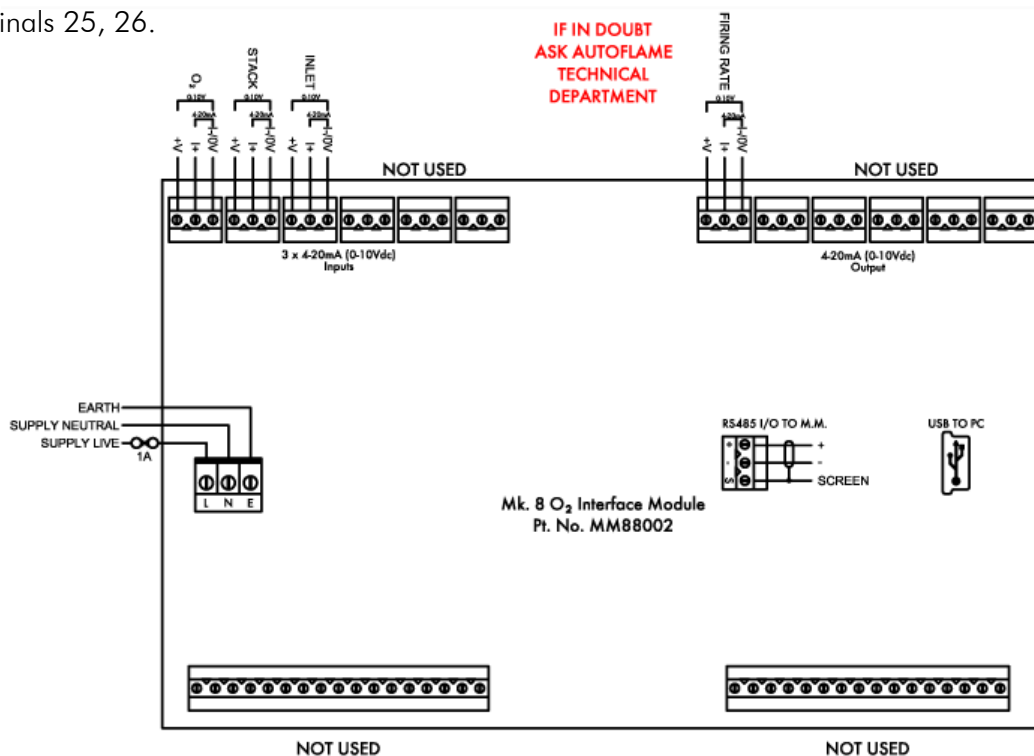
Analogue Input 1 – O2 Signal Input   Analogue Input 2 – Stack Temperature Input
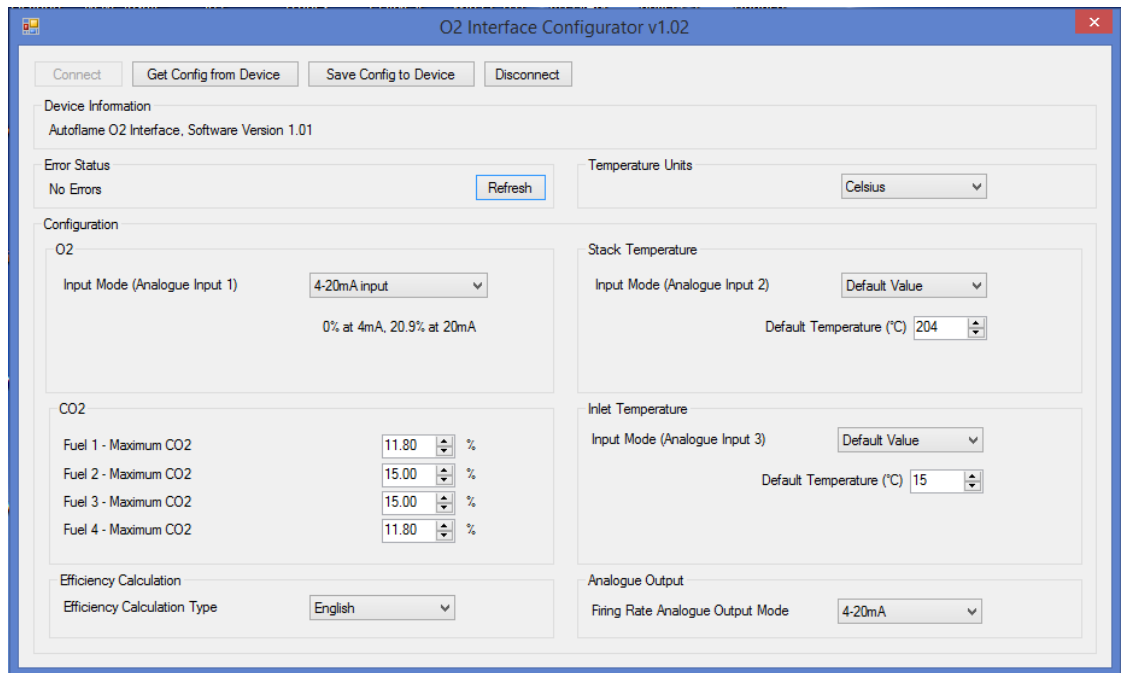Analogue Input 3 – Inlet Temperature Input   Analogue Output 1 – Firing Rate Output

RS485 I/O TO M.M.

This is the data link from the Interface to the Mk8 MM. Beldon 9501 cable should be used for this connection to Terminals 25, 26.

Configuration is via USB

The interface window appears as follows:

Mk8 Setup

The Mk8 O2 interface uses the same configuration setup as though a Mk8 EGA is optioned. Parameter 60 is no longer used for optioning an O2 interface. Set Parameter 10 to MK8, with Option 12 setup for how the O2 interface is to be used; monitoring, trim or trim with limits.

Option 13 is set for when the alarms are active and if the burner runs on the EGA error.

If Option 12 is set to 3 (combustion limits tested), options 19-26 are to be set accordingly.

Note: Option 21 is not used with an O2 interface.

Mk8 O2 Interface Dimensions

All dimensions in mm, unit is provided with slotted din rail.

212

133

170

REAR

FRONT

42

22