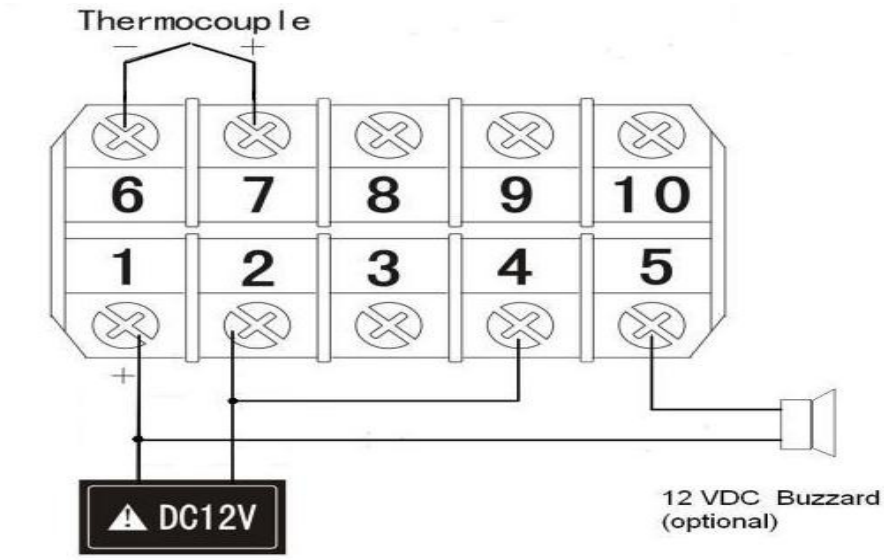
SCINTEX10 Quick Guide for ETG Application.

<u>IMPORTANT</u>: Ensure you wire the posative (+) and negative (-) power connections as per the diagram as reverse polarity will cause damage to the controller.

This meter is capable of displaying EGT with high temperature relay activation to warn users of excessive EGT. To operated it, connect 12 VDC to terminal 1 (+) and 2 (-). Connect the EGT sensor to terminal 6 and 7 as shown below. If you connect the thermocouple terminals backwards, the temperature will fall instead of rise, simply swap the connections. The meter is ready to run.



To set Alarm Set-point Temperature;

a. Press 'SET', display will flash “0000”
b. Enter code 0089 and press 'SET'
c. Using the 'up' and 'down' arrows and the 'SET' button ensure the following is programmed;

Symbol	Description	Setting
Inty	Input Type	µ
Outy	Control Output Type	0
Atdu	Autotuning SV bias	0
Psb	PV Bias	0
rd	Control Action Type	1
CorF	Temperature Unit	0
End	Exit	

Setting Alarms

d. Enter code 0001 to set the alarms
e. Using the 'up' and 'down' arrows and the 'SET' button ensure the following is programmed;

Symbol	Description	Setting
Sv	Set Value	800 (this value is disabled and means nothing)
AH1	Relay J1 pull-in value	800
AL1	Relay J1 drop-out value	790

The values above can be customised to user preferred settings. Inputing the values in the tables above will ensure the relay closes (alarm or fan activates) at 800ºC and opens (de-activates) again at 790ºC