TEMPERATURE CONTROL UNITS AND PROBES

TEMPERATURE CONTROL UNITS

- Most current control systems still use simple on/off controllers
- A digital temperature controller which uses PID control will ensure that the deadband on setpoint is reduced thereby improving the accuracy of the temperature loop
- All elements need to be cycled thus it is recommended to use temperature controllers

On/off temperature controller

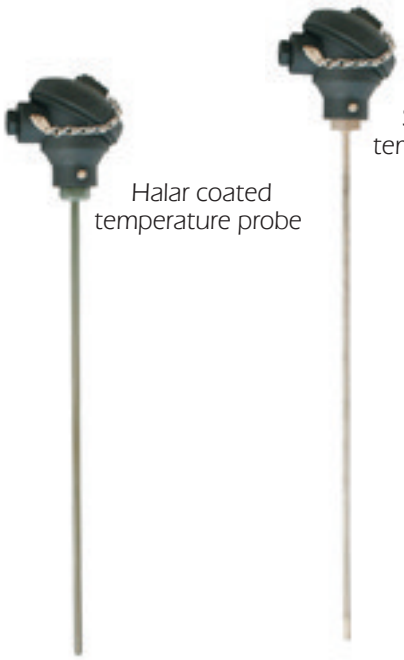
STANDARD FEATURES

- 11 pin plug in on/off temperature controller
- Input: (thermocouple, RTD)
- Output: Relay 240 VAC switching 2A
- Auxiliary 240 VAC (50 Hz)
- Size: 48 x 48mm

STANDARD FEATURES

- Input: (thermocouple, RTD)
- On/off P, PD or PID control
- Programmable
- 2 alarm outputs (selectable)
- Universal supply 90...264 VAC (50 Hz)
- Output: Relay
- Facia sizes: 48 x 48mm, 72 x 72mm, 96 x 48mm, 96 x 96mm

Digital temperature controllers



Halar coated temperature probe

Stainless steel temperature probe

TEMPERATURE PROBES

- The temperature probe should be placed at a reasonable distance from the heaters in order to keep accurate temperature control
- Temperature probes are available in varying lengths and can be halar coated particularly where aggressive solutions are present

STANDARD LENGTHS FOR 3-WIRE PT100	
STAINLESS STEEL	HALAR COATED
300mm	300mm
400mm	400mm
500mm	500mm

*** Other lengths available on request**
*** Titanium temperature probes available on request**

Heating and Control Solutions that exceed Industry expectations