



Ref: **5 TD**

**SELF - TUNING
CONTROL MODULE**

SUPPLY : 220/240 V 50/60 Hz single phase

OUTPUT : 0 to 230 V x 16 A (3600 W) Phase control or pulse triggered & zero crossing
(Low voltage with addition of transformer)

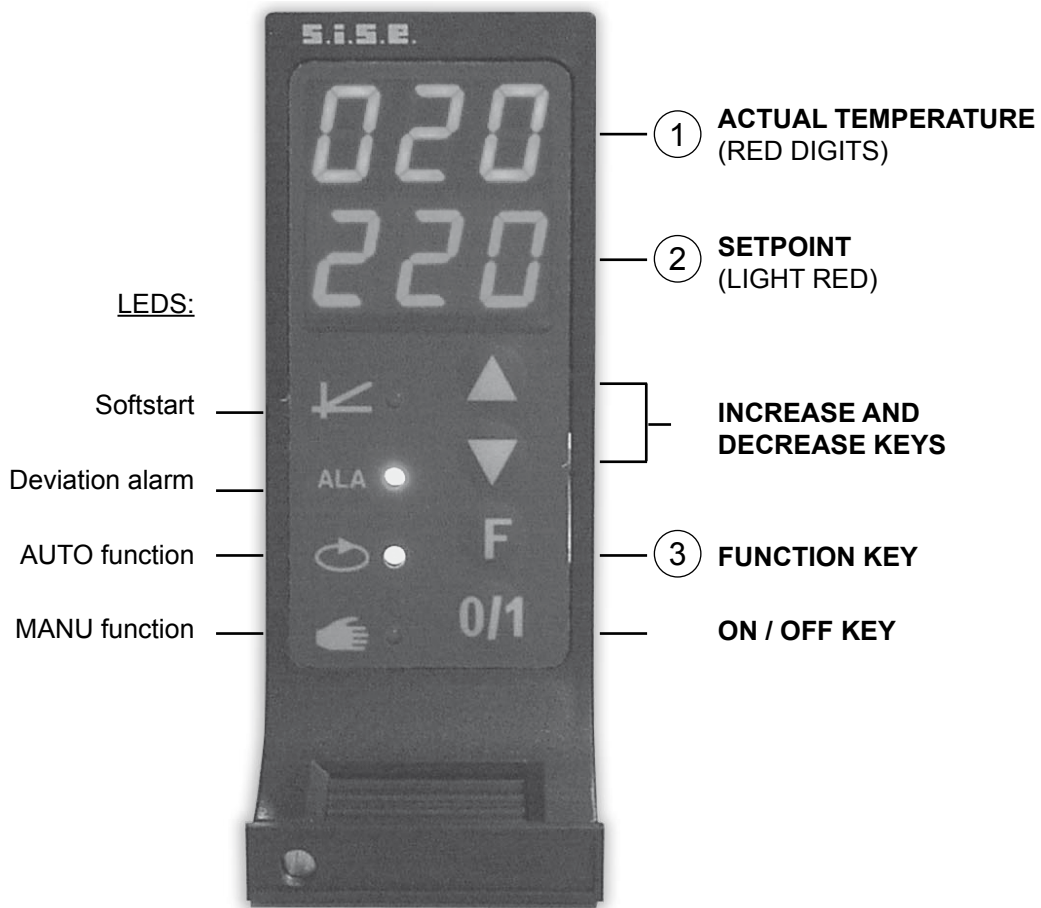
INPUT : **Thermocouple Fe/Co (J)** linearisation, accuracy 0,5%
0 to 500°C (or 32 to 932°F according to configuration)
or **Thermocouple K** with linearisation, accuracy 0,5%
0 to 500°C (or 32 to 932°F according to configuration)

CONTROL : SELF-TUNING or programmable P.I.

FUNCTIONS : Automatic and manual
Programmable softstart (either 15% / 100°C)

SAFETY	: Open thermocouple	(displays <i>thL</i> and stops heating)
FEATURES	Inverted thermocouple	(displays <i>thI</i> and stops heating)
	Upper / Lower deviation alarm	(led on the controller)
	Protection against supply overvoltage	
	Fuse GRB 16A	(on cabinet)

TEMPERATURE CONTROLLER FOR HOT RUNNER MOULDING SYSTEMS



- ① **ACTUAL TEMPERATURE** is displayed on the red display
- ② **SETPOINT** is displayed on the light red display
- ③ **FUNCTION KEY** : Several items of data can be displayed by successive operation.

	<u>RED DISPLAY</u>	<u>LIGHT RED DISPLAY</u>	<u>FUNCTION</u>
1 st push	<i>mod</i>	<i>Aut</i> or <i>MAN</i>	Set of AUTO or MANU function by operating ▲ or ▼
2 nd push	<i>PcU</i>	xx.x	Power level used (%)
3 rd push	<i>CFG</i>	1 or 2	Access to configuration parameters (see detailed specifications) For specialists only.
4 th push or after 5 sec.	Actual Temperature	Setpoint	Back to normal display.