

TEMPERATURE DETECTOR

LOADING TEMPERATURE DETECTOR GEVA Mod. RT400

Temperature detector GEVA RT400 detect hot pieces with a temperature between 400°C. e 1200°C.



Fig.1 Side view of the temperature detector RT400

When hot pieces pass in front of the detector, the detector send an impulse to the plc and the automation could load the piece into the press.



Fig.2 Rear view of the temperature detector RT400

In the rear of the detector there is three leds with a different color:

- 1) **First LED – red color:** the detector has power supply.
- 2) **Second LED – yellow color:** hot piece is detected but it is not in right temperature.
- 3) **Third LED – green color:** piece are detected and in right temperature. Detector send the signal to the plc.

One potentiometer permits to regulate the sensibility range of the detector in function of the temperature of the piece and should be adjusted according to the level of a temperature wanted.

The following adjustments can be taken more or less as a reference but are not intended as an absolute value:

Knob at minimum (on left position), the temperature detected is about 400°C.

Knob in middle position (on center position) the temperature detected is about 800°

Knob at maximum (on right position) the temperature detected is about 1.200°C.