



# ALFA HEATERS AND CONTROLLERS - F.Z.E

## *Pioneers in Heating Solutions*



### ACCESSORIES & OVEN

#### INDUSTRIAL HEATING OVENS

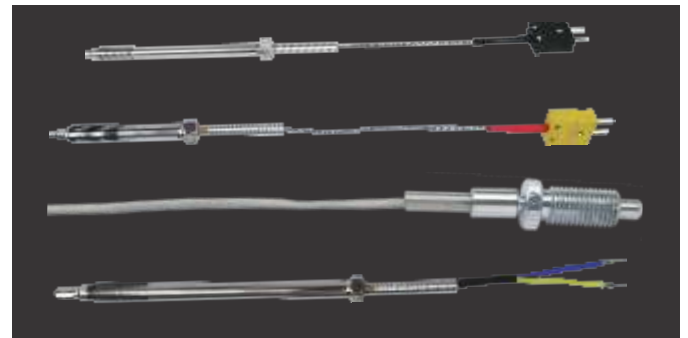
We at Alfa Heaters provide High Temperature Industrial Heating Ovens for various size and power output as per customer demand ranging from 5 kW up to 150 kW and above as per request. Each of our heater is made with high grade ceramic material which can withstand high temperatures up to 700°C. Our infrared Oven works on infrared heating principle for efficient and effective heating. We have best in class safety standards in accordance with international safety norms. Industrial ovens are mainly made in high grade SS material, complying all the safety norms and features in Pharmaceutical and Food Industries. The advantage of using Infrared oven is, it reduces the heating time up to half and saves a lot of energy, ensuring higher quality at the same time.

**Applications:** Paint finishing, Powder coating, Plastic moulding, Ink drying and Automobile.



#### TEMPERATURE SENSORS (THERMOCOUPLES)

Alfa Heaters offer an array of Temperature Sensor, that are specialized, customized and required in any temperature measurement and closed loop control process. By using latest technology and methodology, we offer an impressive range of Thermocouples for a variety of industrial process applications such as blast Furnace, Thermoforming controlled extrusion line, Sponge iron plant, Cement etc.



#### PROXIMITY SENSORS

##### PR Series

Standard Cylindrical Inductive Proximity Sensors

- ❖ Excellent noise resistance with specialized sensor IC
- ❖ Built-in surge protection circuit, reverse polarity
- ❖ Protection circuit (DC 3 - wire types), and over current protection circuits (DC types)

##### PRD Series

Cylindrical Inductive Proximity Sensors with long sensing distance

- ❖ Long sensing distance and excellent noise resistance with specialized sensor IC
- ❖ Simple operation, reliable performance, and high durability
- ❖ Built-in surge protection circuit, reverse polarity
- ❖ Protection circuit and over current protection circuit
- ❖ Operator indicator (red LED)
- ❖ IP67 protection structure (IEC standard)

##### PRA Series

Cylindrical Spatter-Resistant Inductive Proximity Sensors

- ❖ Coated with teflon for high heat resistance (prevent malfunction from welding spatter)
- ❖ Excellent noise resistance with specialized sensor IC
- ❖ Built-in surge protection circuit
- ❖ Built-in over current protection circuit

##### PRDA Series

Cylindrical Spatter-Resistant Inductive Proximity Sensors with long sensing distance

- ❖ Coated with teflon for high heat resistance (prevent malfunction from welding spatter)
- ❖ Long sensing distance and excellent noise immunity with specialized sensor IC



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