

**SINGLE TUBE HEATERS FOR RADIATORS, RANGE CDM-R**

CDM-R single tube heaters are normally used in electric radiators with thermal fluid.

The CDM-R range of heaters are shielded electric heating elements with power feed only at one end. Available in construction **Class I** (main insulation requiring earth plug) and in construction **Class II** (double insulation or reinforced insulation).

Electricfor offers the possibility of personalising the element as far as size, power and suitable attachments for each manufacturer.

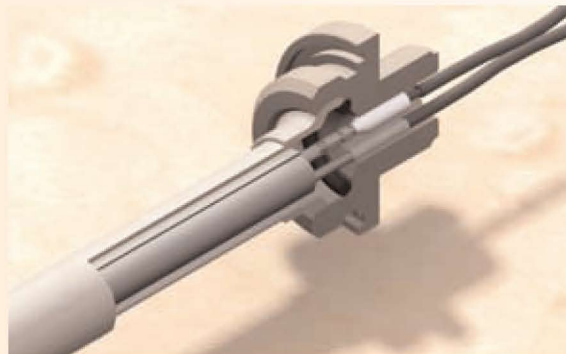
The Ø16mm CDM-R heaters can incorporate internal safety devices such as a fixed temperature thermostat without automatic reset and a non-resettable thermal fuse to guarantee maximum safety under any working conditions, once these are known.



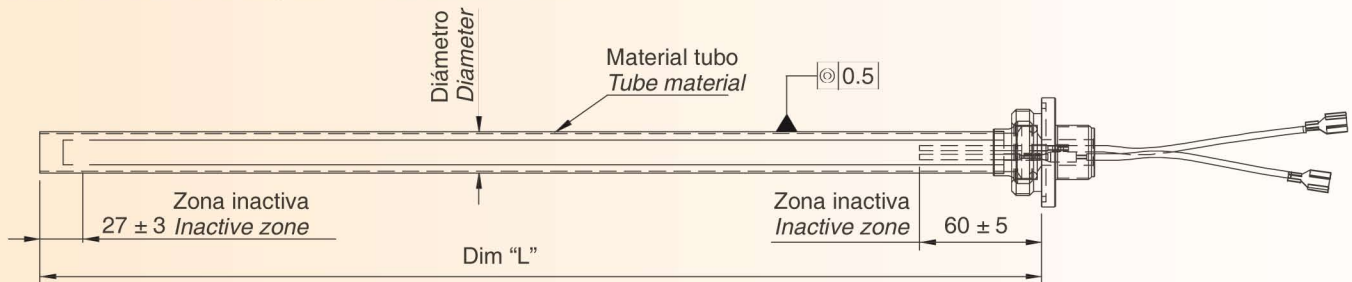
**Características generales**

|                     | Class I  | Class II <input type="checkbox"/>   |
|---------------------|--|---|
| Diameter            | Ø9,6 - Ø10   | Ø16   |
| Safety thermostat   | ---  | Temperature range: from 60 °C to 140 °C to be chosen by the customer depending on performance tests. The thermostat's temperature must be always lower to the holding temperature of the safety thermic fuse. |
| Safety thermic fuse | Temperature range: from 98 °C to 167 °C to be chosen by the customer depending on performance tests. |   |
| Length "L"          | Min 230 mm<br>Max 1450 mm  | Min 260 mm<br>Max 1480 mm   |
| Tube material       | AISI 304 - AISI 321 - AISI 316L - ly-800 - ly-825  |   |
| Fitting             | 1" G - 1"1/4 G   |   |

Detail of implementation of the thermostat and safety fuse in a Class II single tube heating element for electric radiators.



**Example of Class II heating elements for electric radiators**



**Options of electronic controls for connecting to CDM-R single tube heaters**

