

# "WAND" DIRECT SPARK ELECTRODES ESA-WAND SERIES

## FEATURES

- |                          |                |
|--------------------------|----------------|
| • Outer tubing:          | AISI 304       |
| • Ceramic insulator:     | alumina        |
| • Rod:                   | Piromax        |
| • Sealant:               | silicon paste  |
| • Length ("B"):          | max 1200 mm    |
| • H.T. cable connection: | raial terminal |
| • Threading:             | 1/4"           |
| • Voltage:               | 5 ÷ 9000 V     |



E5806101

## APPLICATIONS

- Radiant tube burners.
- Metallic burners.
- Applications where electrode length adjustment is needed.
- Burners where discharge point is far from external connections.

## DESCRIPTION

"Wands" are direct spark ignition devices combining central spark rod, insulator and ground wire into a single, small diameter device. Ignition occurs between a central rod and the outer tubing; insulation between the electrode and the outer tubing is done through a one-piece ceramic insulator in alumina fixed to the outer tubing with a

special heat resistant silicone paste. This allows for a very small-sized electrode.

"Wands" may be used for detection, too. Connection to burner is through threaded connection in the desired position for compression of a threaded locking ring.



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## DIMENSIONS

