R.K. Instruments & Controls

TECHNICAL DATASHEET

FLOW & FLAME CONTROL | Office No. 12, 1st Floor, Dhamanwala Service Complex, G.I.D.C., Pandesara, Surat - 394221, Gujarat, India
Phone: +91 9824136145 Email: rkic1976@gmail.com Web: www.rkic.in

Honeywell Eclipse Ionization Flame Rod 13093-3

Brand: Honeywell Eclipse | Code/Part No.: 13093-3 | Category: IGNITION SPARK ELECTRODES

Specifications

Part Number	**13093-3**
Product Type	**Ionization Flame Rod / Detection Electrode (Field-Trimmable)**
Rod Length	**76 mm (3 in.), field-trimmable**
Mounting Thread	**1/4 in. NPT**
Electrode Diameter	**4.8 mm**
Electrode & Body Material	**Kanthal wire, ceramic insulator**
Operating Temperature	**25°C to 1450°C**
Sensing Principle	**Flame rectification (ionization current)**
Burner Compatibility	**Industrial process burners and Eclipse AH (Airheat) burners**
Manufacturer	**Honeywell Eclipse**



Description

The Honeywell Eclipse 13093-3 is an ionization flame rod (detection electrode) used to confirm flame presence on industrial process burners and Eclipse AH (Airheat) burners via flame rectification, where ions in the burner flame conduct a small electrical current back to the flame safeguard control. It has a 76mm (3 in.) rod length that can be trimmed on-site to suit varying low-fire and high-fire flame lengths, a 4.8mm diameter Kanthal electrode set in a ceramic insulator, and mounts via a 1/4 in. NPT thread. Rated for continuous operation from 25°C to 1450°C. Manufactured by Honeywell Eclipse.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.