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

Industrial Spark Ignition Electrode Assembly, 200mm

Brand: R.K. Instruments & Controls | Category: IGNITION ELECTRODES

Specifications

Product Type	**Industrial Spark Plug / Ignition Electrode Assembly**
Total Length	**20.0cm (200mm)**
Mounting Body & Upper Plug Length	**85.6mm**
Upper Ceramic Insulator Diameter	**13.3mm**
Lower Insulator Neck Diameter	**7.5mm (Below Threaded Section)**
Front Ceramic Sleeve Length	**4.9cm (49mm)**
Front Ceramic Sleeve Diameter	**10.6mm**
Mounting / Fitting	**Threaded Hex Bushing — Direct Mounting/Sealing into Burner/Flange**
Terminal	**Standard Threaded/Snap Terminal Top for HT Cable Connector**
Tip Configuration	**Disc-Style Electrode Contact Tip**
Material of Construction	**High-Alumina Ceramic Insulators with Stainless Steel/Metallic Rod, Hex Body**



Description

R.K. Instruments & Controls stocks this Industrial Spark Plug / Ignition Electrode Assembly, a threaded, hex-bodied ignition electrode built for direct mounting and sealing into a burner or flange via its hex bushing, unlike the site's bare ceramic-rod custom and ZE-series electrodes. The assembly has an overall length of 20.0cm (200mm), with the mounting body and upper plug section measuring 85.6mm, an upper ceramic insulator diameter of 13.3mm and a lower insulator-neck diameter of 7.5mm below the threaded section. The front ceramic sleeve, which houses the exposed electrode tip, measures 4.9cm (49mm) in length with a 10.6mm diameter. The top terminal is a standard threaded/snap fitting for the HT ignition cable connector, and the electrode contacts via a disc-style tip configuration. Construction is high-alumina ceramic insulators over a stainless steel/metallic rod, with a metal hex body and terminal for direct threaded installation — a robust, self-contained spark-plug-style ignition electrode for burner and boiler applications where a threaded mounting (rather than a loose ceramic rod) is required.

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