R.K. Instruments & Controls

TECHNICAL DATASHEET

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Ignition Electrode 12mm Insulator — 125mm x 100mm, Standard Stock

Brand: R.K. Instruments & Controls | Code/Part No.: Standard Stock (12 x 125 x 100 mm) | Category: IGNITION ELECTROD

Specifications

Product Type	**Ignition Electrode (Ignitor / Flame Rod / Sensor Probe)**
Insulator Diameter (D2)	**12 mm**
Insulator Length (L2)	**125 mm**
Electrode Length (L1)	**100 mm (rod/wire)**
Electrode Configuration	**Straight tip**
Connection Type	**SAE / D4 / M4 Connection (other terminations on request)**
Terminal Thread	**SAE = 8-32 NC · M4 = M4 x 0.7 (D4 connection thread size not listed —**
Insulator Material	**Low-loss, alkali-free Steatite Ceramic (glazed or unglazed, natural**
Electrode & Wiring Material	**Kanthal A1 (FeCrAl resistance wire)**
Manufacturer	**R.K. Instruments & Controls**



Description

R.K. Instruments & Controls supplies this Straight Ignition Electrode as a standard fixed-size Ignitor, Flame Rod and Sensor Probe for burner and boiler ignition and flame-proving applications. It has a low-loss, alkali-free steatite ceramic insulator 125 mm long and 12 mm in diameter, with a 100 mm electrode rod/wire length and an SAE / D4 / M4 terminal connection (SAE = 8-32 NC, M4 = M4 x 0.7), built using our standard Kanthal A1 (FeCrAl) resistance wire. A ready-to-fit standard size for applications that do not need a fully custom electrode.

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