R.K. Instruments & Controls

TECHNICAL DATASHEET

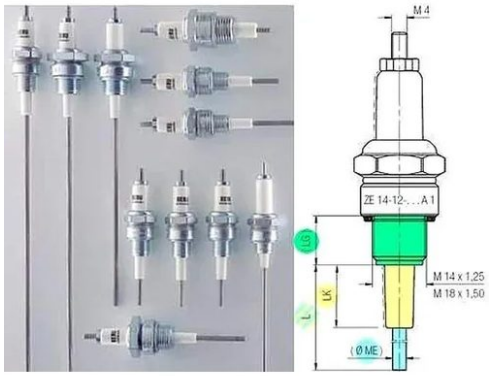
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Industrial Special Ignition Electrode — Threaded Spark-Plug Type Igniter

Brand: R.K. Instruments & Controls | Code/Part No.: Custom / Made to Order | Category: IGNITION SPARK ELECTRODES

Specifications

Product Type	**Industrial Special Ignition Electrode (Threaded Spark-Plug Type Igniter,**
Thread / Mounting Size	**M14 x 1.25 or M18 x 1.50 — per customer specification**
Overall Length (LG)	**Customer specified — typical range 35 mm to 600 mm**
Electrode Wire Diameter (ØME)	**Approx. 3.5 mm — per customer specification**
Electrode & Wiring Material	**Kanthal A1 (FeCrAl resistance wire)**
Insulator Material	**Low-loss, alkali-free Steatite Ceramic (glazed or unglazed, natural**
Typical Application	**Gas engines, CHP / cogeneration plants, biogas & natural gas gensets,**
Customization	**Thread size, length, wire diameter and material available on demand**
Manufacturer	**R.K. Instruments & Controls**



Description

R.K. Instruments & Controls manufactures and supplies Industrial Special Ignition Electrodes — threaded, spark-plug-style igniters used for direct spark ignition in gas engines, CHP (Combined Heat & Power) plants, biogas and natural gas generator sets, and industrial burners. Built to the widely used M14 x 1.25 or M18 x 1.50 threaded mounting format (compatible with standard threaded electrode ports), each unit is manufactured to order with a Kanthal A1 (FeCrAl) resistance-wire electrode tip, low-loss steatite or high-alumina ceramic insulation, and a customer-specified overall length. Thread size, length, wire diameter and electrode material can all be customised on request for gas engine OEMs, CHP operators and burner service applications.

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