R.K. Instruments & Controls

TECHNICAL DATASHEET

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Spark Ignition Electrode Threaded ZE-14-12-500-A1 — M14x1.25, L500mm, Standard Stock

Brand: R.K. Instruments & Controls | Code/Part No.: ZE-14-12-500-A1 | Category: IGNITION SPARK ELECTRODES

Specifications

Part Number	**ZE-14-12-500-A1**
Product Type	**Spark Ignition Electrode Threaded (Spark-Plug Type Igniter, Single**
Thread / Mounting Size	**M14 x 1.25**
Thread Length (LG)	**12 mm**
Overall / Critical Length (L)	**500 mm**
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,**
Manufacturer	**R.K. Instruments & Controls**



Description

The R.K. Instruments & Controls ZE-14-12-500-A1 is a standard-stock threaded ignition electrode (spark-plug-type igniter) with an M14 x 1.25 thread, 12mm thread length (LG) and 500mm overall/critical length (L). Built with a Kanthal A1 (FeCrAl) resistance-wire electrode tip and a low-loss steatite or high-alumina ceramic insulator, it is used for direct spark ignition in gas engines, CHP (Combined Heat & Power) plants, biogas and natural gas generator sets, and industrial burners. Manufactured by R.K. Instruments & Controls.

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