R.K. Instruments & Controls

TECHNICAL DATASHEET

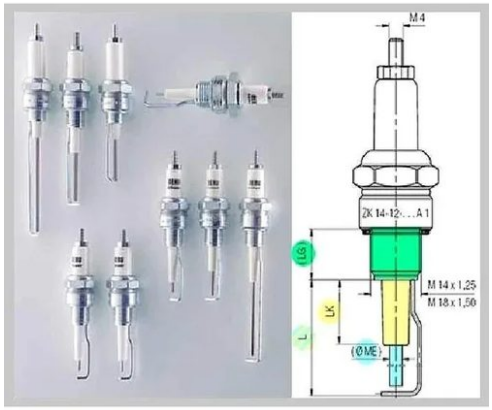
FLOW & FLAME CONTROL | Office No. 12, 1st Floor, Dhamanwala Service Complex, G.I.D.C., Pandesara, Surat - 394221, Gujarat, India
Phone: +91 9824136145 Email: rkic1976@gmail.com Web: www.rkic.in

Angled (Bent-Tip) 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	**Angled (Bent-Tip) Special Ignition Electrode (Threaded Spark-Plug Type**
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 Configuration	**90° angled ground / mass arm — approx. 4.0 mm spark gap**
Center Electrode Material	**Chromium-Silicon Stainless Steel — other materials on request**
Ground / Mass Arm Material	**Nickel-Chromium Alloy (NiCr) — other materials on request**
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	**Bend angle, thread size, length and material available on demand**
Manufacturer	**R.K. Instruments & Controls**



Description

R.K. Instruments & Controls manufactures and supplies Angled (Bent-Tip) Special Ignition Electrodes — threaded, spark-plug-style igniters with a 90° angled ground/mass arm, 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, each unit is manufactured to order with a chromium-silicon stainless-steel center electrode, nickel-chromium ground arm, and low-loss steatite or high-alumina ceramic insulation. Bend angle, overall length, thread size and materials 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.