SPECIFICATION

HYDRASTEP ELECTRODES

Hydrastep 246785A Replacement Electrode

II-HE-005
Conductivity electrode

Full specification, variants, open points and ordering information. The larger ¾-inch compression-nut pattern, at the top of the Hydrastep rating range.

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ISSUED
24 October 2026

Hydrastep 246785A Replacement Electrode

Indiana catalogue ID **II-HE-005** Hydrastep Electrodes

IDENTIFICATION

Product	**Hydrastep 246785A Replacement Electrode**
Indiana catalogue ID	**II-HE-005**
Category	**Hydrastep Electrodes**
Measuring principle	**Conductivity electrode**
Document	**Specification · issued 24 October 2026**

01 Fit and interchange — original part

Connection	**Compression nut, ¾ inch**
Seal	**Taper seat**
Length	**133 mm overall**
Tip diameter	**11.8 mm**
Cable connection	**Knurled nuts**

02 Construction and rating — original part

Body	**Stainless steel**
Insulator	**Brazed zirconia**
Maximum temperature	**560 °C (1040 °F)**
Maximum pressure	**300 bar (4351 psi)**

03 Supplied electrode

Indiana catalogue ID	**II-HE-005**
Replacement part number	**Stated on the quotation**
Materials and rating	**Confirmed in writing with the quotation**

04 Tables

CROSS-REFERENCE

SYSTEM	MANUFACTURER	REFERENCE	LISTED AS	REPLACEMENT GROUP
Hydrastep	Delta Mobrey	246785A	Original part	Delta Mobrey / Hydrastep

05 Installation

1. 01 Isolate the water column from the drum, vent it and allow it to cool before slackening the compression nut.
2. 02 Withdraw the old electrode and inspect the taper seat in the column port; a damaged seat will not seal.
3. 03 Insert the new electrode so the taper seats squarely, then run the compression nut down by hand.
4. 04 Tighten the nut to the column manufacturer's figure.
5. 05 Reconnect the probe cable and prove the channel in water and in steam before returning to service.

06 Applications and industries

APPLICATIONS

- Boiler steam drum level indication with conductivity water columns
- Replacement electrode for Hydrastep 246785A ports

INDUSTRIES

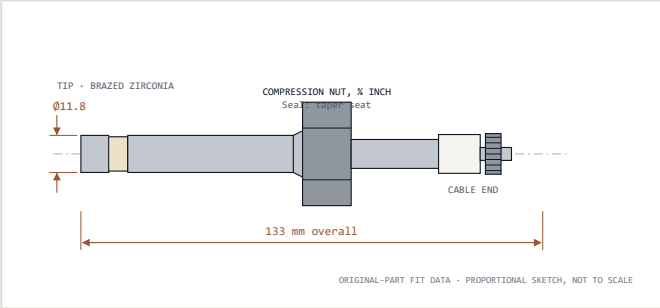
Power generation | Process steam

07 Views

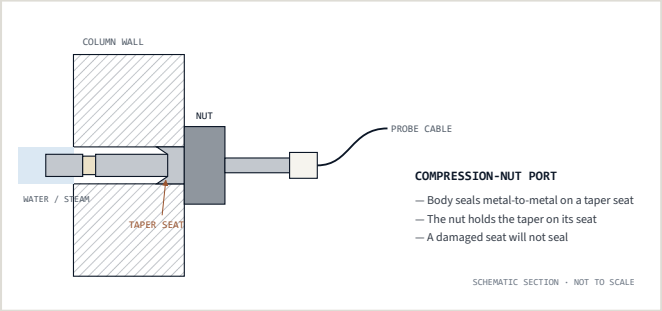
PRIMARY VIEW Compression-nut electrode, Hydrastep 246785A form — 3D illustration
Illustration

ALTERNATE VIEW Cable end and connection — 3D illustration
Illustration

DETAIL Tip and insulator, Ø11.8 mm tip — 3D illustration
Illustration



TECHNICAL Fit dimensions of the original part — drawn from the published values, not to scale
Illustration



INSTALLATION Compression-nut mounting in the column port — schematic
Illustration

08 Ordering

Quote reference	**II-HE-005**
Model / variant options	**Hydrastep 246785A**
Lead time, terms, documentation	**Confirmed in the quotation**

TO PREPARE A QUOTATION WE NEED

- Reference stamped on the electrode being replaced
- Water column or level system model
- Number of electrodes
- Drum operating pressure and temperature

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QUOTATION
List the product, ID and quantity; add process conditions. We reply with a quotation.

CONFIRM BEFORE ORDERING

- The fit and rating values on this page are those published for the original part. The part number, materials and rating of the electrode supplied are stated on the quotation.
- Check the reference stamped on the electrode being replaced, or the model of the water column, before ordering.
- The 246785A and 246785Z share a mounting but not a rating. Confirm the suffix on the electrode being replaced.

System and manufacturer names identify the part being replaced. They are trademarks of their owners; INDIANA INSTRUTECH is not affiliated with them.

Original-part fit and rating values from published cross-reference datasheets (drumlevel.com, October 2026). Values are reproduced from the source documentation as stated there; where a source gives two different values for the same property, both are shown with their source. Unstated values are listed under “Open points”. This document is not a certificate, and no approval, certification or hazardous-area suitability is implied. INDIANA SALES (INDIANA INSTRUTECH) · info@indianainstrutech.com · +91 75033 02545 · +91 92893 62447 · issued 24 October 2026.