

HYDRASTEPELECTRODES

Levelstate Type 811 / 801LP Replacement Electrode

II-HE-008

Conductivity electrode



Full specification, variants, open points and ordering information. Levelstate's low-pressure probe — sold as both Type 811 and 801LP — on an M16 × 1.5 thread.

ENQUIRIES

info@indianainstrutech.com

+91 75033 02545

+91 92893 62447

ISSUED

24 October 2026

Levelstate Type 811 / 801LP Replacement Electrode

Indiana catalogue ID **II-HE-008** Hydrastep Electrodes

IDENTIFICATION

Product	Levelstate Type 811 / 801LP Replacement Electrode
Indiana catalogue ID	II-HE-008
Category	Hydrastep Electrodes
Measuring principle	Conductivity electrode
Document	Specification · issued 24 October 2026

01 Fit and interchange — original part

Connection	M16 × 1.5 mm screw thread
Seal	Gasket
Length	54.5 mm tip to seat
Thread length	16.5 mm
Tip diameter	13.75 mm
Cable connection	Small knurled nuts
Water column	Levelstate Type 501

02 Construction and rating — original part

Body	416 stainless steel
Insulator	Zirconia
Maximum temperature	260 °C (500 °F)
Maximum pressure	50 bar (725 psi)

03 Supplied electrode

Indiana catalogue ID	II-HE-008
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
Levelstate	Levelstate Systems	Type 811	Original part	Levelstate
Levelstate	Levelstate Systems	Type 801LP	Original part	Levelstate

05 Installation

- 01 Isolate the water column from the drum, vent it to atmosphere and allow it to cool before removing an electrode.
- 02 Unscrew the old electrode and clean the seat face in the column port; inspect it for steam cutting.
- 03 Fit a new seal of the type the column calls for. Spiral-wound gaskets are not reused.
- 04 Screw the electrode in by hand, then tighten to the column manufacturer's figure.
- 05 Reconnect the probe cable and confirm the channel reads correctly 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 Levelstate Type 811 ports
- Replacement electrode for Levelstate Type 801LP ports

INDUSTRIES

Power generation

Process steam

07 Views



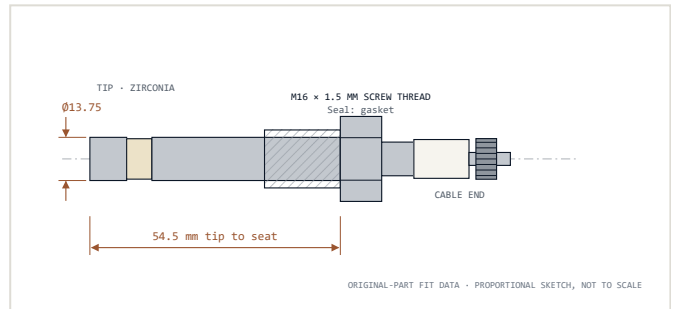
PRIMARY VIEW Screw-thread electrode, Levelstate Type 811 form — 3D illustration



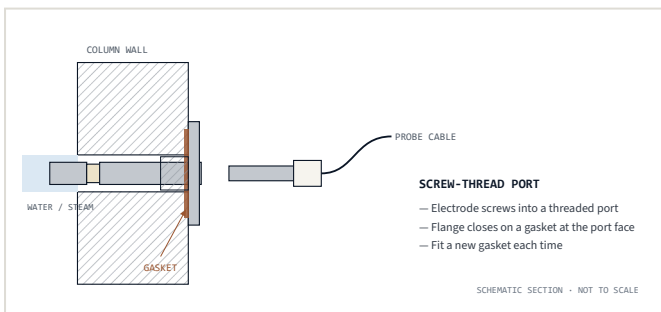
ALTERNATE VIEW Cable end and connection — 3D illustration



DETAIL Tip and insulator, Ø13.75 mm tip — 3D illustration



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



INSTALLATION Screw-thread mounting in the column port — schematic

08 Ordering

Quote reference	II-HE-008
Model / variant options	Levelstate Type 811 · Levelstate Type 801LP
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

TELEPHONE	EMAIL	QUOTATION
+91 75033 02545 +91 92893 62447	info@indianainstrutech.com	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.
- Type 811 and 801LP refer to the same probe in the cross-reference data. Confirm against the column documentation if in doubt.

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.