

HYDRASTEPP ELECTRODES

Levelstate Type 811 / 801LP Replacement Electrode

II-HE-008

Conductivity electrode



Levelstate's low-pressure probe — sold as both Type 811 and 801LP — on an M16 × 1.5 thread.

ENQUIRIES

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ISSUED

24 October 2026

Levelstate Type 811 / 801LP Replacement Electrode

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

Levelstate's low-pressure probe — sold as both Type 811 and 801LP — on an M16 × 1.5 thread.

CONNECTION	LENGTH	ORIGINAL RATING
Screw-thread	54.5 mm tip to seat	260 °C · 50 bar

Replaces: Levelstate Type 811 · Levelstate Type 801LP

01 Overview

Levelstate has used two names for this probe, Type 811 and 801LP; the cross-reference data treats them as the same part. It is the low-pressure option for the Type 501 water column: an M16 × 1.5 mm thread with a 16.5 mm thread length, 54.5 mm from seat to tip and a 13.75 mm tip.

The original combines a 416 stainless steel body with a zirconia insulator and is rated to 260 °C and 50 bar — so where a Type 501 column runs above that, the standard Type 801 is the electrode to look at instead.

WHAT IDENTIFIES IT

- M16 × 1.5 mm thread, 16.5 mm thread length
- 54.5 mm seat to tip, 13.75 mm tip
- 416 stainless steel body on the original part
- Original rating 260 °C and 50 bar

02 Views



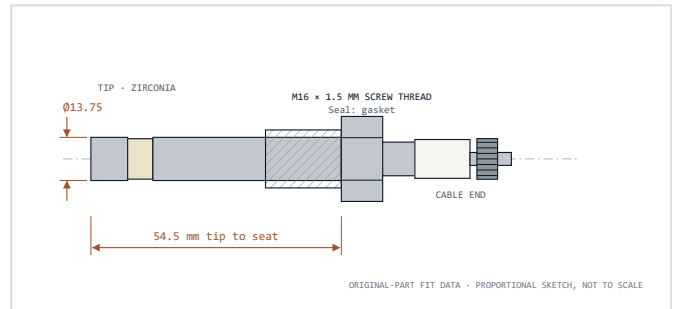
PRIMARY VIEW Screw-thread electrode, Levelstate Type 811 form — 3D illustration



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

03 Principal data

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

The full set of stated values, variants and open points is in the specification document for this product.

04 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

TO QUOTE THIS WE NEED

- Reference stamped on the electrode being replaced

- Water column or level system model

- Number of electrodes

- Drum operating pressure and temperature

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.

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QUOTATION

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

Original-part fit and rating values from published cross-reference datasheets (drumlevel.com, October 2026). Figures are reproduced from the source documentation; where a source states two different values both are shown. Nothing on this sheet is a certification, and no hazardous-area approval is implied unless a certificate is supplied with the quotation. INDIANA SALES (INDIANA INSTRUTECH) · info@indianainstrutech.com · issued 24 October 2026.