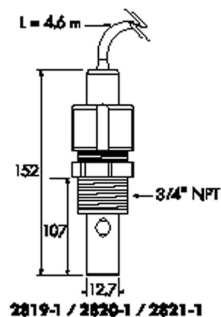


## Type 2819 Conductivity/Resistivity Electrode

### Conductivity/Resistivity:

- Wetted Materials: 316 SST or Titanium
- Process Connection Choices: 3/4 inch threads for In-line or Submersion, 1.5 inch Sanitary Tri-clamp flange and 2 inch Sanitary Tri-clamp flange
- Cell constants and corresponding measuring ranges: 0.01 cm<sup>-1</sup> / 0.55 to 100 µS (18.3 mΩ to 10 KΩ) 0.1 cm<sup>-1</sup> / 1 to 1000 µS (1 mΩ to 1 KΩ) 1.0 cm<sup>-1</sup> / 10 to 10,000 µS (5 to 5,000 ppm) 10.0 cm<sup>-1</sup> / 100 to 200,000 µS (50 to 100,000 ppm) 20.0 cm<sup>-1</sup> / 200 to 400,000 µS (100 to 200,000 ppm)
- Compatible Instruments: Signet Instrument Types: 8850, 8860 8900 or the 9900 with the 2850 Sensor Electronics
- Thread styles are reversible threads or fixed threads



| Body            | Process Connection | Process Connection Size | Cell Constant (cm <sup>-1</sup> ) | Operating Range   | MFR #      |
|-----------------|--------------------|-------------------------|-----------------------------------|-------------------|------------|
| Stainless steel | Threaded           | 3/4 inch                | 0.01                              | 0.055 - 100 µS/cm | 3-2819-1   |
| Stainless steel | Threaded           | 3/4 inch                | 0.01                              | 0.055 - 100 µS/cm | 3-2819-1C  |
| Stainless steel | 1.5 inch flange    | 1 - 1.5 inch            | 0.01                              | 0.055 - 100 µS/cm | 3-2819-S1  |
| Stainless steel | 1.5 inch flange    | 1 - 1.5 inch            | 0.01                              | 0.055 - 100 µS/cm | 3-2819-S1C |
| Stainless steel | 2 inch flange      | 2 inch                  | 0.01                              | 0.055 - 100 µS/cm | 3-2819-S2  |
| Stainless steel | 2 inch flange      | 2 inch                  | 0.01                              | 0.055 - 100 µS/cm | 3-2819-S2C |
| Titanium        | 1.5 inch flange    | 1 - 1.5 inch            | 0.01                              | 0.055 - 100 µS/cm | 3-2819-T1  |
| Titanium        | 1.5 inch flange    | 1 - 1.5 inch            | 0.01                              | 0.055 - 100 µS/cm | 3-2819-T1C |
| Titanium        | 2 inch flange      | 2 inch                  | 0.01                              | 0.055 - 100 µS/cm | 3-2819-T2  |
| Titanium        | 2 inch flange      | 2 inch                  | 0.01                              | 0.055 - 100 µS/cm | 3-2819-T2C |

| Electrode | Thread     | Code        |
|-----------|------------|-------------|
| 316 SST   | Reversible | 198 844 010 |
| 316 SST   | Reversible | 159 000 651 |
| 316 SST   |            | 159 000 085 |
| 316 SST   |            | 159 000 087 |
| 316 SST   |            | 159 000 086 |
| 316 SST   |            | 159 000 088 |
| Titanium  |            | 159 000 081 |
| Titanium  |            | 159 000 083 |
| Titanium  |            | 159 000 082 |
| Titanium  |            | 159 000 084 |

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

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