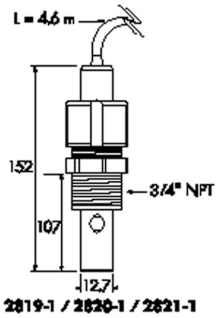
Data sheet

valid from: 3/12/21



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-1 / 0.55 to 100 µS (18.3 mΩ to 10 KΩ)0.1 cm-1 / 1 to 1000 µS (1 mΩ to 1 KΩ)1.0 cm-1 / 10 to 10,000 µS (5 to 5,000 ppm)10.0 cm-1 / 100 to 200,000 µS (50 to 100,000 ppm)20.0 cm-1 / 200 to 400,000 µS (100 to 200,000 ppm)
- Compatible Instruments: Signet Instrument Types: 8850, 8860 8900, 9900 or the 9950 with the 2850 Sensor Electronics
- Thread styles are reversible threads or fixed threads

Body	Process Connection	Process Connection Size	Cell Constant (cm^{-1})	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	Sanitary Clamp	1 - 1.5 inch	0.01	0.055 - 100 µS/cm	3-2819-S1
Stainless steel	Sanitary Clamp	1 - 1.5 inch	0.01	0.055 - 100 µS/cm	3-2819-S1C
Stainless steel	Sanitary Clamp	2 inch	0.01	0.055 - 100 µS/cm	3-2819-S2
Stainless steel	Sanitary Clamp	2 inch	0.01	0.055 - 100 µS/cm	3-2819-S2C
Titanium	Sanitary Clamp	1 - 1.5 inch	0.01	0.055 - 100 µS/cm	3-2819-T1
Titanium	Sanitary Clamp	1 - 1.5 inch	0.01	0.055 - 100 µS/cm	3-2819-T1C
Titanium	Sanitary Clamp	2 inch	0.01	0.055 - 100 µS/cm	3-2819-T2
Titanium	Sanitary Clamp	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**

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