

Type 2850 Conductivity/Resistivity Tool



2850.101-X

Product description

The type 2850 Conductivity/Resistivity tool is available for certification or validation of electronics that are independent of the electrode. Because there are no available liquid standards for calibration in low conductivity and resistivity applications, the tool is ideal for various installations. The tool is built to conform to the ASTM D 1125-95 Standard (Standard Test Methods for Electrical Conductivity and Resistivity of Water), which is also commonly used for USP 24 applications.

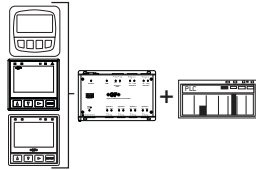

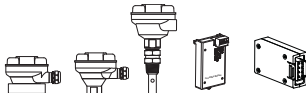
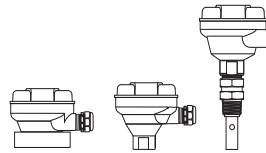

The Conductivity/Resistivity tool simulates within $\pm 0.1\%$ precision (accuracy), various values: $1.0 \mu\text{S}$, $2.5 \mu\text{S}$, $10.0 \mu\text{S}$, $10.0 \text{M}\Omega$, $18.2 \text{M}\Omega$. The tool enables the user to accurately validate or certify the electronics.

The type 2850.101-X simulators are used with the type 9900 and type 2850 electronics by simply plugging into the same terminals as the sensor cables.

Features

- Available in five different values
- Compatible with 3-2850 electronics when used with the 9900 or 9950 Transmitter or as a stand-alone 4 to 20 mA output
- Verifies electronics independent of electrode
- NIST traceable units
- Temperature compensated to 25°C
- All units delivered with NIST traceable certificates

System Overview

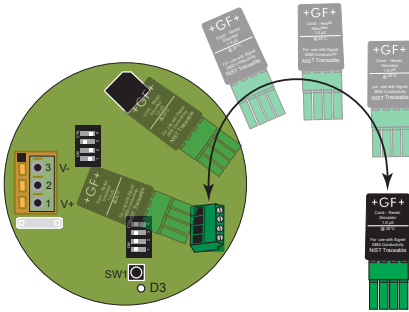
S ³ L Input	4 to 20 mA Output
<p>Instrument with 0486 Profibus and Customer Supplied Programmable Logic Controller or Programmable Automation Controller - 9900 - 9950</p> 	<p>Customer Supplied Chart Recorder, Programmable Logic Controller, or Programmable Automation Control</p> 
<p>Sensor Electronics - 2850-51 - 2850-61 - 2850-63 - 9900.394 (9900 only) - 9950.394-1 - 3-9950.394-2</p> 	<p>Sensor Electronics - 2850-52 - 2850-62</p> 
<p>GF 2850.101-X Certification Tool</p>  <p style="text-align: right;">All sold separately</p>	

Ordering Information

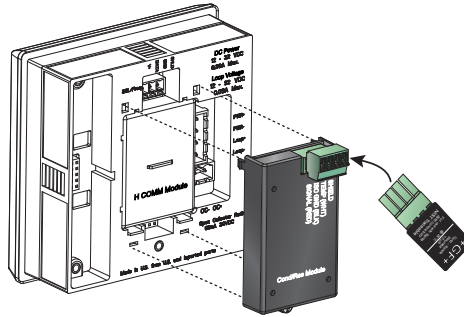
Mfr. Part No	Code	Description
3-2850.101-1	159 001 392	Plug-in NIST Traceable Tool, 1.0 μ S simulated
3-2850.101-2	159 001 393	Plug-in NIST Traceable Tool, 2.5 μ S simulated
3-2850.101-3	159 001 394	Plug-in NIST Traceable Tool, 10.0 μ S simulated
3-2850.101-4	159 001 395	Plug-in NIST Traceable Tool, 18.2 M Ω simulated
3-2850.101-5	159 001 396	Plug-in NIST Traceable Tool, 10.0 M Ω simulated

Anschluss

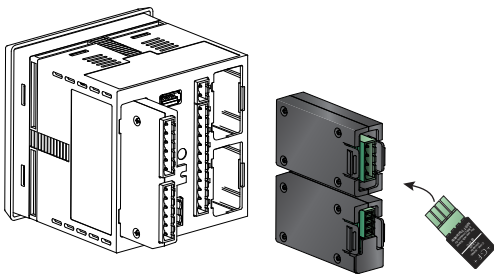
3-2850.101-X



3-9900



3-9950



The information and technical data (altogether "Data") herein are not binding, unless explicitly confirmed in writing. The Data neither constitutes any expressed, implied or warranted characteristics, nor guaranteed properties or a guaranteed durability. All Data is subject to modification. The General Terms and Conditions of Sale of Georg Fischer Piping Systems apply.

3-2830.099 Rev H

06/2024-A

© Georg Fischer Piping Systems Ltd, 8201 Schaffhausen/Switzerland

Tel. +41 52 631 11 11 • www.gfps.com • E-Mail: info.ps@georgfischer.com