



2850.101-X

The Signet conductivity/resistivity tools are 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, these tools are ideal for various installations. All tools are 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.

Signet tools simulate, within  $\pm 0.1\%$  precision (accuracy), various values:  $1.0 \mu\text{S}$ ,  $2.5 \mu\text{S}$ ,  $10.0 \mu\text{S}$ ,  $10.0 \text{ M}\Omega$ ,  $18.2 \text{ M}\Omega$ . These tools also temperature compensated to  $25^\circ\text{C}$  and enable the user to accurately validate or certify the electronics.

The 2850-101-X simulators are used with the Model 9900 and Model 2850 electronics by simply plugging into the same terminals as the sensor cables.

## Features

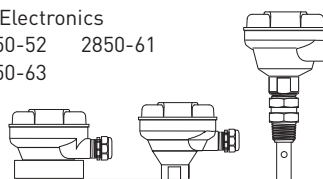
- Available in five different values
- Compatible with all Signet Conductivity/Resistivity instruments
- Verifies electronics independent of electrode
- NIST traceable units
- Temperature compensated to  $25^\circ\text{C}$
- All units ship with NIST traceable certificates

## System Overview

Signet Instrument  
8900 9900  
with customer supplied Programmable Logic  
Controller



Signet Sensor Electronics  
2850-52 2850-52 2850-61  
2850-62 2850-63



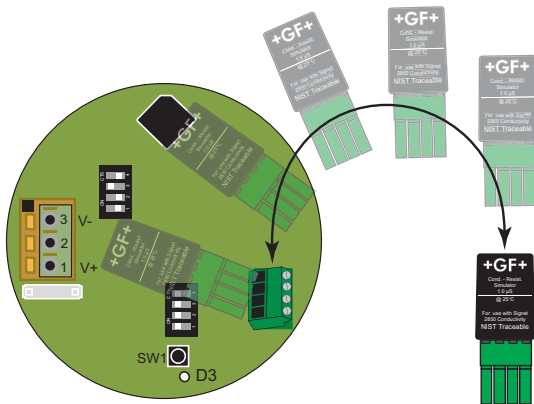
Signet 2850.101-X  
Certification Tool



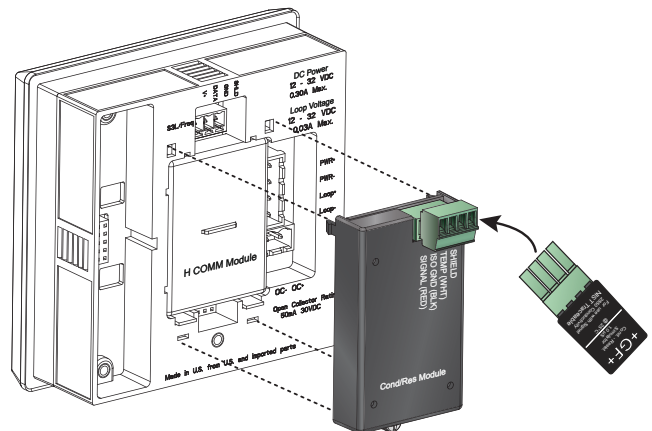
All sold separately

# Wiring

## 3-2850-XX



## 3-9900



# Ordering Information

Mfr. Part No.	Code	Description
3-2850.101-1	<b>159 001 392</b>	Plug-in NIST traceable tool, 1.0 $\mu$ S simulated for Signet Models 2850-5X, 2850-6X, 9900
3-2850.101-2	<b>159 001 393</b>	Plug-in NIST traceable tool, 2.5 $\mu$ S simulated for Signet Models 2850-5X, 2850-6X, 9900
3-2850.101-3	<b>159 001 394</b>	Plug-in NIST traceable tool, 10.0 $\mu$ S simulated for Signet Models 2850-5X, 2850-6X, 9900
3-2850.101-4	<b>159 001 395</b>	Plug-in NIST traceable tool, 18.2 M $\Omega$ simulated for Signet Models 2850-5X, 2850-6X, 9900
3-2850.101-5	<b>159 001 396</b>	Plug-in NIST traceable tool, 10.0 M $\Omega$ simulated for Signet Models 2850-5X, 2850-6X, 9900

3-2830.099 Rev D (5/13)

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