



# Conductivity/Resistivity Transmitters

## Signet 8850

- Display in  $\mu$ S, mS, Kilo-Ohm, Mega-Ohm, PPM (TDS)
- Simulate function
- Programmable Temperature compensation
- Relay options
- Dual output option allows temperature and process signal transmission
- 2 x 16 character dot matrix LCD
- NEMA 4X/IP65 enclosure with selfhealing window
- Meets USP requirements

The SIGNET 8850 Conductivity/ Resistivity Transmitter is designed for broad application and ease of setup and use. The unit can be used for conductance, resistance, or TDS signal transmission and display. Mounting can be accomplished in several options best tailored to your application requirements. Full-microprocessor based electronics allow wide operating range, and long term signal stability due to the elimination of potentiometers, jumpers and dip switches.



Field



Panel

### Application

- RO/DI system control
- Rinse tank control
- Cooling tower, scrubber or blowdown control
- Environmental study (TDS)
- Desalinization monitor
- Water quality monitoring
- Leak detection
- Chemical concentration

### Ordering Information

ITEM	WIRE POWER	SENSOR INPUT	4 TO 20 mA OUTPUT	OPEN COLLECTOR/ RELAY	DESCRIPTION
3-8850-1	4	1	1	1 O.C. Hi, Lo, Pulse or Off	Conductivity/Resistivity transmitter, field mount
3-8850-2	4	1	1	2 Relays Hi, Lo, Pulse or Off	Conductivity/Resistivity transmitter, Panel mount
3-8850-3	4	1	2 Cond/Res or Temp	2 O.C.s Hi, Lo, Pulse or Off	Conductivity/Resistivity transmitter, Field mount with relays
3-8850-1P	4	1	1	1 O.C. Hi, Lo, Pulse or Off	Conductivity/Resistivity transmitter, Panel mount with relays
3-8850-2P	4	1	1	2 Relays Hi, Lo, Pulse or Off	Conductivity/Resistivity, Field mount with single input/dual output
3-8850-3P	4	1	2 Cond/Res or Temp	2 O.C.s Hi, Lo, Pulse or Off	Conductivity/Resistivity, Panel mount with single input/dual output

### Accessories

ITEM	DESCRIPTION
3-8050	Universal mounting kit
3-8050.395	Transmitter NEMA 4X/IP65 cover
3-8052	3/4 in. Integral mounting kit
3-8052-1	3/4 in. NPT mount junction box
3-8050.396	RC Filter kit (for relay use)
3-0000.596	Heavy duty wall mount bracket
3-5000.598	Surface Mount Bracket
3-8050.392	Model 200 retrofit adapter

