

Strantrol® 880 Transmitter

Product Data Sheet

SIEMENS

Description

Microprocessor-based electronics make the Strantrol® 880 transmitter the most accurate and reliable means available for monitoring ORP through High Resolution Redox® sensing. An easy-to-use, pressure-sensitive interface allows for fast and easy start-up and operation. Monitoring accuracy is $\pm 0.05\%$ per year! The isolated, fully rangeable 4-20 mA output is accurate to $\pm .02$ mA.

Communication with remote computers is made with RS-232 at a baud rate of 19,200. Options include automatic sensor-cleaning feature that operates without interrupting transmission.

The Strantrol® 880 transmitter is also available for BNR, aeration, pH and most ion-specific applications.

Specifications

Dimensions	H x W x D 7.1" X 7.2" X 4.4" (180 X 183 X 112 mm)
Weight	2.1 pounds (0.95 kg)
Material	Polycarbonate
Rating	NEMA 4X (IP 65)



Benefits of Strantrol® 880 Transmitter Include:

- Accepts a Variety of Sensor Inputs Including HRR®, pH, or Ion-specific Sensing
- Economical and Reliable Transmitter
- Standard Options Available to Meet Water or Wastewater Application Requirements

Inputs

Sensors

pH	0.00 – 14.0
HRR®	-1000 mV to +1000 mV
Resolution	
pH	.1
HRR®	1mV

Outputs

Analog outputs

Recorder 4-20 mA at 1000 S

Relay outputs

Sensor wash 5A Fused
Solenoid valve 1A Fused

Communication

RS-232 (up to 19,200)

On-site programming

RS-485 (up to 30 devices)

Custom software upon request

User Interface

Sensor input (4-digit, 7-segment LED)

Warning/programming indicators/keys

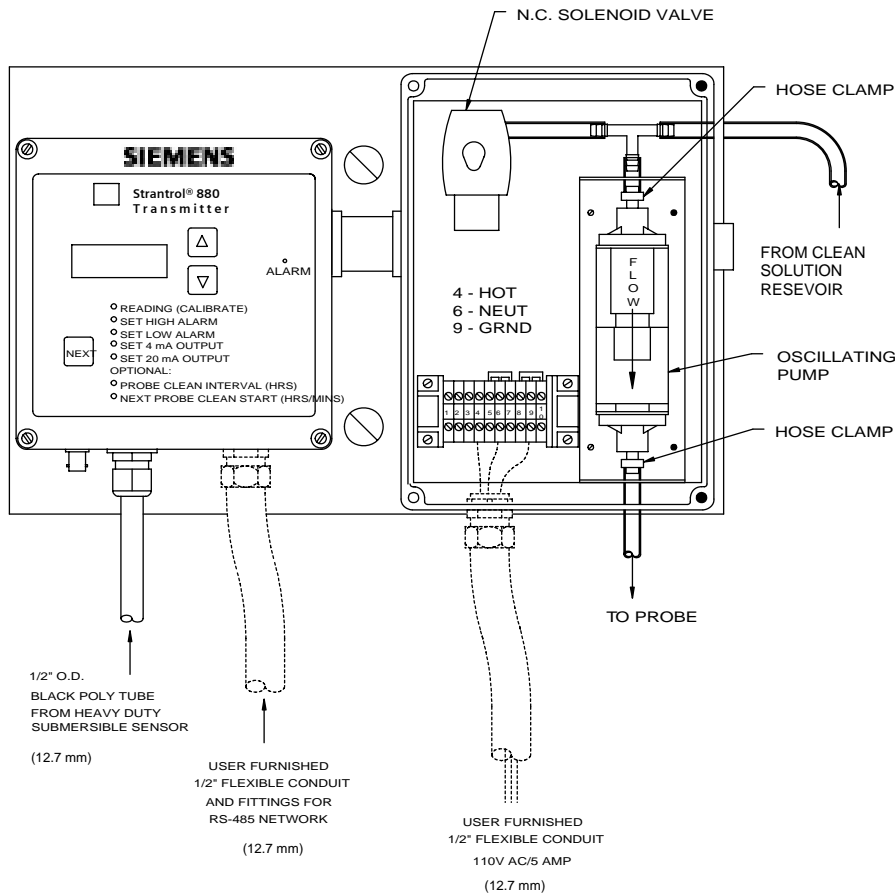
HRR® Lo/Hi Alarm LED

7 programming LEDs

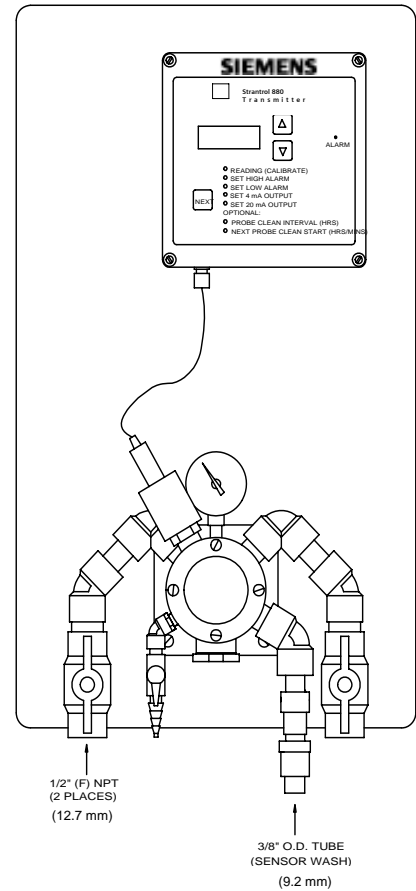
3 membrane keys

Option Drawings

Strantr® 880 Transmitter – panel mounted with optional Oscillating Sensor Clean Pump



Strantr® 880 Transmitter – panel mounted with Flowcell



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