

SSRE Remote Communications Module

Convert Analog Sensors into Smart Sensors

- Reduce inventory by stocking analog sensors and wire them to remote electronics to output a communication signal (4-20 mA or Modbus)
- Save on costs by only replacing the sensor; keep remote electronics and cabling in place
- Improve environmental impact by eliminating electronics waste after sensor end of life

Compatible with a Comprehensive Set of Measurements

- pH/ORP, Contacting Conductivity, Toroidal Conductivity **and Dissolved Oxygen**
- Simple wiring for each measurement type

Two Versions for Your Ideal Application

- Interface module for DIN Rail installation
- NEMA 4X Enclosure for wall or panel mounting

Specifications

Operating Temperature Range	5° - 70° C (41° - 158° F)
Measuring Range, pH	0-14
Measuring Range ORP	-1000 to + 100mV
Measuring Range, Contacting Conductivity	k=0.1, 0-1,000uS/cm k=1.0, 0-10,000uS/cm
Measuring Range, Toroidal Conductivity	R1= 0-100,000uS/cm R2= 0-2,000,00uS/cm
Measuring Range, Dissolved Oxygen	R1= 0-100% R2= 0-200%

SS-SSRE-001-B

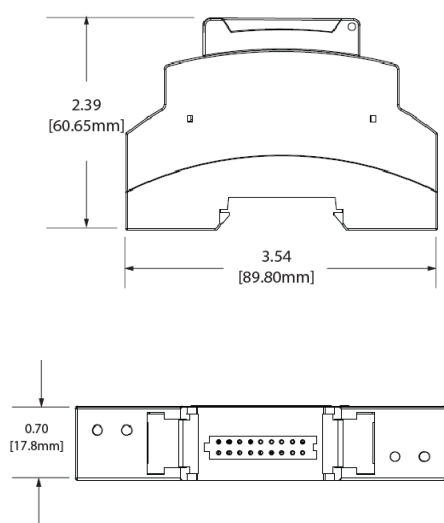
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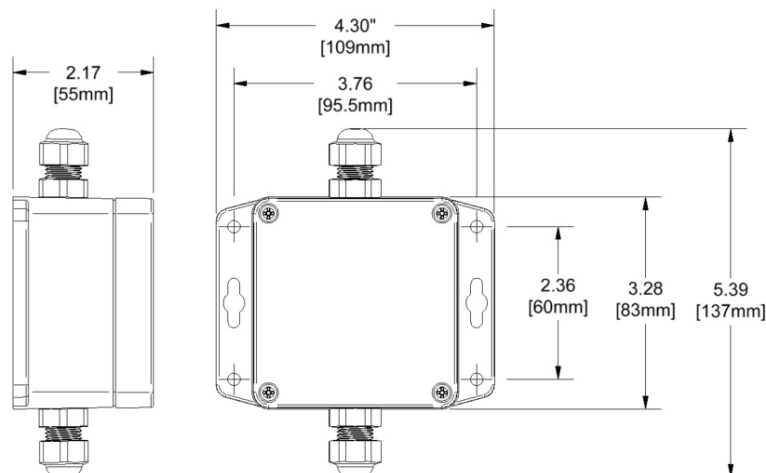
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DIN RAIL VERSION



NEMA 4X ENCLOSURE VERSION



MODEL # SSRE

Description

MEASUREMENT TYPE

- pH
- Toroidal Conductivity
- Contacting Conductivity
- ORP
- Dissolved Oxygen

Code

P
T
C
O
D

COMMUNICATION

- 4-20mA Output •
- Modbus •
- Must select DR or EN under Remote Electronics.

MA
MB

REMOTE ELECTRONICS

- DIN Rail
- Enclosure

DR
EN

For example, choosing "pH" under Measurement Type would be **P**, "4-20mA Output" for Temperature Compensation would be **MA**, and "DIN Rail" would be **DR**. The order code would then be **SSRE - P - MA - DR**.

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