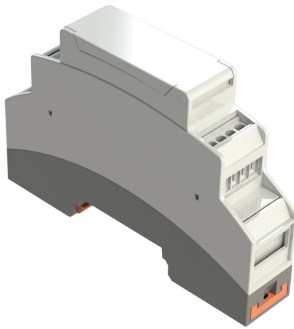# Sensorex®

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 485)

- 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
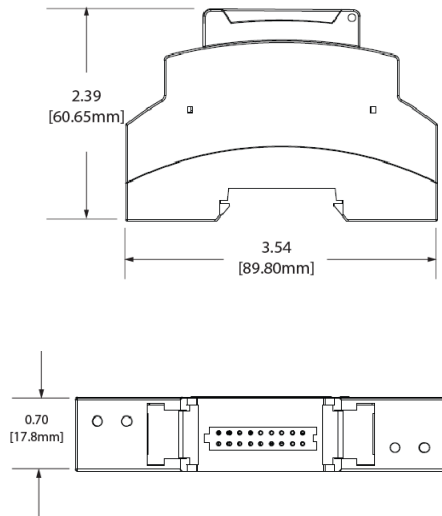
Operating Temperature Range	5° - 70° C (41° - 158° F)
Measuring Range, pH	0-14
Measuring Range ORP	-1500 to + 1500mV
Measuring Range, Contacting Conductivity	k=0.1, 0-1,000uS/cm k=1.0, 0-10,000uS/cm
Measuring Range, Toroidal Conductivity	R1= 0-100,000uS/cm R2= 0-2,000,00uS/cm
Measuring Range, **Dissolved Oxygen**	R1= 0-100% R2= 0-200%

SS-SSRE-001-B

SSRE Remote Communications Module

DIN RAIL VERSION

2.39 [60.65mm]

3.54 [89.80mm]

0.70 [17.8mm]

NEMA 4X ENCLOSURE VERSION

2.17 [55mm]

4.30" [109mm]

3.76 [95.5mm]

2.36 [60mm] 3.28 [83mm] 5.39 [137mm]
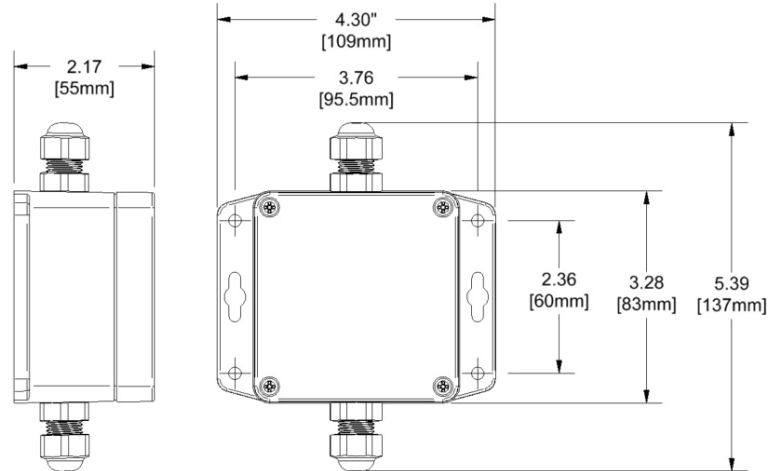
MODEL # SSRE

Description	Code
MEASUREMENT TYPE	
• pH	P
• Toroidal Conductivity	T
• Contacting Conductivity	C
• ORP	O
• Dissolved Oxygen	D
COMMUNICATION	
• 4-20mA Output •	MA
• Modbus •	MB
REMOTE ELECTRONICS	
• DIN Rail	DR
• Enclosure	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**.*

SS-SSRE-001-B