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## Specifications for EESiFlo Portalok 7S

### General Specifications

Number of Channels: 1  
 Measurement Technology: Transit-Time and Doppler  
 Pipe Sizes: 1 inch to 100 inches  
 Measurable Fluids: All sonically conductive fluids with <10% gas or solids  
 Flow Velocity Range: 0.04 to 65 ft/sec  
 Resolution: 0.00008 ft/sec  
 Repeatability: 0.25% of reading  $\pm$  0.06 ft/sec  
 Accuracy: 1% to 3% depending upon flow profile



### Enclosure

Weight: 10 lbs  
 Material of Construction: HDP (weather and crush proof)  
 Degree of Protection: IP68 with lid firmly closed  
 Power: Wall Mounted Power Supply/Charger (110/220VAC)  
 Battery Operation: >24 hours on a full charge  
 Display: 2 x 16 characters, dot matrix, backlit  
 Electronics Temperatures: 15°F to 140°F  
 Sensor Temperatures: -20°F to 210°F (up to 300°F for short periods)  
 Power Consumption: <10 watts

### Measuring Functions

Totalizer: Volume  
 Quantities: Volume, Flow Rate, Flow Velocity  
 Data Logger: 29,000 Values  
 Language: English and others upon request



### Process Outputs

Outputs: 1 X 4-20mA current output and 1 X binary output. Both are galvanically isolated from the main electronics.  
 Current Output Range: 0/4 to 20 mA  
 Accuracy: 0.1% of reading  $\pm$  15 microAmps  
 Measuring cycle: (100...1000) Hz (1 channel)  
 Binary Open collector: 24 V/4mA reed contact: 48WO.1A

