



Engine instrumentation and electrical meters  
Custom engineered for bottom line performance

## Advanced 3" & 5" Electric Speedometer

### Made in the USA Available now!

BEEDE Electrical Instrument Co. introduces a "Speed Signal Option" on its 5" Speedometer with LCD trip/odo. With this option you have the capability to control other features on the vehicle that are sensitive to the speed of the vehicle such as

- Radio volume
- Salt spreaders
- Ag sprayers

#### Benefits:

- Durable, high torque, heavy-duty Air Core movement withstands severe vibration
- LCD resettable trip odometer
- Non-corrosive injection molded casing
- Corrosion resistant exterior hardware
- Heavy-duty, bright incandescent light source with vibration resistant socket
- Large viewing area
- Splash resistant
- Load dump - meets SAE J1113
- Custom Always

#### Pulse-Per-Mile (ppm) input range:

10,000 - 112,375 ppm  
Dual axle speed input





ISO 9001 Certified  
CE • Q1 • QUEST • FMC

## Specifications for Advanced 3" & 5" Electric Speedometer

### ENVIRONMENTAL SPECIFICATIONS

#### Accuracy

Hourmeter:  $\pm 1\%$  @ 75°F (24°C)  
Gauges: Vary with application type. Please contact factory for specific information.

#### Temperature

Operating: -20°F to +185°F (-30°C to 70°C)  
Maximum Change:  $\pm 2\%$  F.S. from 75°F (24°C) indication.

#### Shock

50G, 9-13 ms half sine, 25 shocks in each of three orthogonal axes with no damage.

#### Vibration

0.060" double amplitude 10-80-10 Hz. Two hours in each of three orthogonal axes: remains within initial accuracy.

#### Salt Spray

Meets or exceeds ASTM 117, 48 hours.

#### Operating Voltage

12-16 VDC standard; for 24 VDC operation, contact factory.

#### Over Voltage

Withstands 18 V continuously for one hour.

#### Reverse Polarity Protection

Standard, all instruments.

#### Voltage Variance

$\pm 1\%$  of initial reading, 12-16 VDC.

#### Load Dump

Meets SAE J1113, 3 positive 80 V transients, one minute intervals.

#### Speedometer Range

10,000 - 112.375 ppm

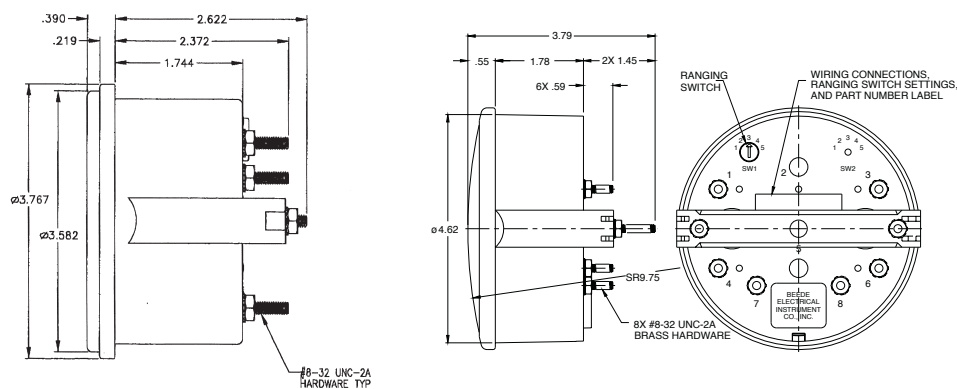
#### Installation

2": Recommended hole size for panel is 2.125" (21/8")  
3": Recommended hole size for panel is 3.365"  
5": Recommended hole size for panel is 4.465"  
Hourmeter: Recommended hole size 2.031"

### AVAILABLE GAUGES Contact factory for dimensions

- Hour Meter
- Water Temp
- Fuel
- Amps
- Volts
- Oil Pressure
- Trim
- Water Level
- Oil Level
- Twin Engine Sync.
- Rudder Angle
- Oil Temp
- Water Speed Indicator 45, 60, 80, 100, 120 mph
- Speedometer (non-water) 85, 120 mph
- Tachometer 4K, 6K, 8K
- Tachometer w/ Hour Meter (contact factor for dimensions)

**Custom available** (see 3" & 5" Advanced Tachometer data sheet)



3AS-0503

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ADVANCED 3" & 5" SPEEDOMETER