



## LOCOMOTIVE

# QSI Series – Dual Range Locomotive Speed Indicators

Siemens QSI Series Dual Range Locomotive Speed Indicators are a complete line of locomotive speed indicators in both English and Metric versions. The speed indicators all offer the accuracy and reliability only 100% digital components can provide.

Designed for simple retrofitting, units are available in single and dual display configurations with integrated odometer and accelerator functions.

Foot pattern and cable arrangement allows for a bolt-for-bolt, pin-for-pin replacement of existing analog electronic speed indicators.

It can operate from any number of end-of-axle electronic axle drives, and accepts industry standard twenty and sixty pulses per revolution inputs.

Encased in a rugged aluminum shell and utilizing minimum cab space, the speed indicator is able to provide an output to the locomotive magnet valve when the vehicle matches or goes over the overspeed setting of the unit.

*QSI Series Dual Range Locomotive Speed Indicator shown for reference purposes only. Actual unit selected may vary in mounting and features.*



**SIEMENS**

## Physical Data

Specification	Parameters
SERIES DESIGNATION	ALL MODELS
Height	Varies depending on model
Width	Varies depending on model
Depth	Varies depending on model
Weight	Varies depending on model

## Environmental Data

Specification	Parameters
SERIES DESIGNATION	ALL MODELS
Operating Temperature	-40 °F to +160 °F (-40 °C to +70 °C)
Humidity (Maximum)	90% non-condensing

## Ordering

To Order Call	Specify
1 (800) 793-7233	<ul style="list-style-type: none"><li>• Part Number</li><li>• Power voltage conditions</li><li>• English or Metric readout needed</li><li>• If overspeed condition needed</li><li>• If Vigilance Alerter System used</li></ul>

## Features

- Built-in accelerometer capable of displaying the acceleration and deceleration of the locomotive in either SAE or Metric speed measurements.
- Built-in odometer able to display increments and decrements of travel based on the direction of the locomotive, providing true net distance from any movement.
- Built-in dual display allows for viewing for either/or train engineer and/or conductor points of view.
- Built-in overspeed alert which will drive a standard Salem® SA-812A magnet valve (*or equivalent*).
- Rugged solid state segment display, thus no meter movements to wear out or break.
- Built-in penalty alerter light/horn interface to existing devices. (*On select models only.*)
- Built-in four position dimmer control for ease of reading in any ambient lighting condition.
- Available Vigilance Alerter System activation output. (*On select models only.*)



QSI Series Dual Range  
Locomotive Speed Indicator

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