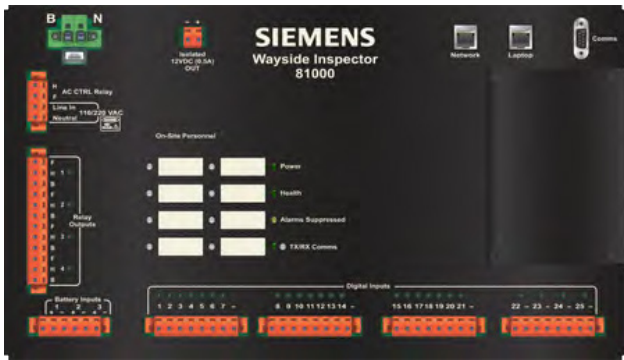


AUTOMATED GRADE CROSSING TESTING SYSTEM

Wayside Inspector



Model A81000 Wayside Inspector is shown for reference purposes only.
Actual unit selected may vary in mounting and features.

Overview

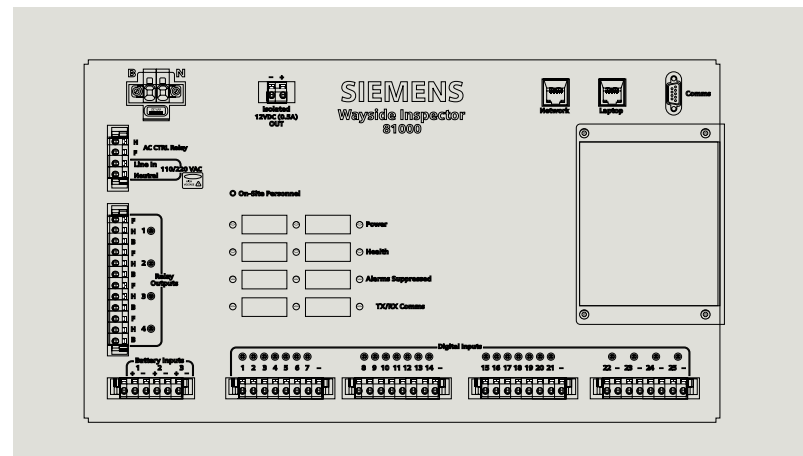
SIEMENS Wayside Inspector Automated Grade Crossing Testing System automates periodic inspection of crossings, such as monitoring the state of discrete I/O signals, battery voltages, and AC power.

From that information, it analyzes the operation of the grade crossing's warning systems and provides a means to inspect those systems.

It can send alarms and inspection report logs to a back office system or interact through a WebUI to allow field personnel to adjust system settings, view statuses, etc.

Features

- Scheduled Annual Warning Time inspection available for both primary and standby equipment, as well as for every directional approach and route through the associated crossing when used in conjunction with optional WiMag® sensor and specific setup procedures. Railroad personnel must verify warning time.
- Scheduled Monthly Standby Power inspection available.
- Scheduled Monthly Ground inspection is available when used with optional Ground Fault Tester - GFT II and specific setup procedures.
- All inspections may be tailored to meet individual railroad threshold requirements.



Physical Data

Specification	Models
Series Designation	A81000 Wayside Inspector
Dimensions	
Height	10.00 in (25.40 cm)
Width	19.00 in (48.26 cm)
Depth	2.00 in (5.08 cm)
Weight	9.44 lbs (4.28 kgs)

General Data

Specification	Models
Series Designation	ALL Models
Digital input(s)	25 [†]
Analog battery input(s)	4 ^{††}
AC Power Control Relay(s)	1
AC Power Monitor Input(s)	1
Power Output(s)	1 [*]
General Purpose Relay Output(s)	4
Laptop Network Interface Ports	1
Communications Network	1
Interface Ports	1
Communications	1
Serial Ports	0
External Configuration Device (ECD) Ports	1
Expansion Card Slots	1

[†] Also supports Ground Fault Tester [GFT II] serial data

^{††} 1 for supply power, +3 additional

^{*} Isolated, for Communications Equipment

Environmental Data

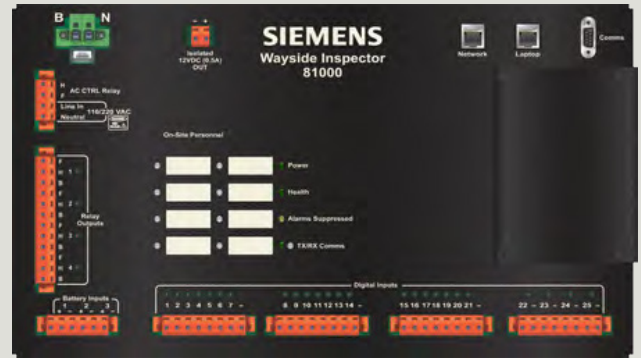
Specification	Models
Operating Temperature	-40° to 160° F (-40° to 70° C)
Humidity	90% Non-condensing

Ordering

Call to Order	Specify
+01 (800) 793-7233	Part Number

Wayside Inspector

(Part No. NYK: 800081000001)



REQUIRED FOR SOME TESTS

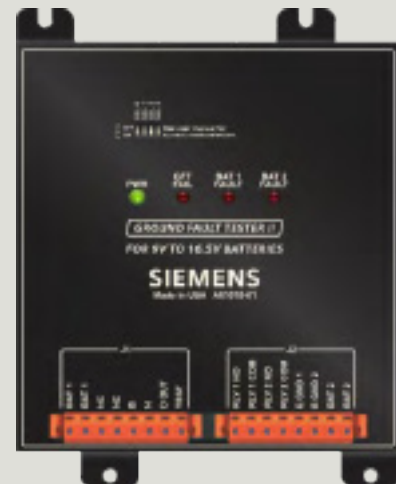
WiMag® Standard Vehicle Sensor

(Part No. NYK:Z921004070000)



Ground Fault Tester - GFT II (Optional)

(Part No. NYK:80008101000011) 9V - 16.5V version



NOT PICTURED

Access Point Base Station (Optional)

(Part No. NYK:Z927004210000)

WiMag® Standard Repeater (Optional)

(Part No. NYK:Z921004070000)

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