



# Caerbont Automotive Instruments

*"The original makers of SMITHS Instruments"*

## Instructions for 270 Sweep 52mm Monitoring Instruments

Independently tested and approved to 95/54/EC

Designed and manufactured under ISO9001:2000  
quality standard

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Instrument	Harness Connections			
	Green	Black	Red/White	White/Black
Coolant & Oil Temperature	Switched ignition positive 12volt supply (via 3A fuse)	Chassis or battery negative	Instrument illumination 12volt supply (side light feed)	Sender input
Fuel	Switched ignition positive 12volt supply (via 3A fuse)	Chassis or battery negative	Instrument illumination 12volt supply (side light feed)	Sender input
Oil and Boost Pressure	Switched ignition positive 12volt supply (via 3A fuse)	Chassis or battery negative	Instrument illumination 12volt supply (side light feed)	Sender input
Voltmeter	Switched ignition positive 12volt supply (via 3A fuse)	Chassis or battery negative	Instrument illumination 12volt supply (side light feed)	Not used

### Application Notes

- For fitment to **negative earth** vehicles **only**.
- Operating voltage: 11 – 17volts DC

**Caution**  
**Disconnect The Negative**  
**Battery Cable**  
**Prior To Any Installation**

### **INFORMATION:**

**Senders applicable to 270 Sweep Instruments**

CAI Part Number	Description
PTTR2300-10	Oil Pressure, 1/8NPT Boost
PTTR2300-03	Sender 1/8, NPT Coolant Temp
TT3001-8N	Sender, 1/8 NPT
TT3005-8N	Oil Temp Sender, 1/8 NPT Fuel
TA9110-000	Sender, 5 hole flange Speed
EMP34-1	Sender, M8 X 50mm