

# Error code list

Model : RM-5000 series, RM-6000 series

Symptom/display	FAULT lamp	Cause	Corrective action
Detector head abnormalities <b>E-1</b> <b>DETECTOR</b> (EC-5002/EC-5002i/ OX-5002/OX-5002i/RM-5002/ RM-5002i/RM-5003 only) (EC-6002/OX-6002/ RM-6002/RM-6003 only)	Lighting	Fault on the detector head (fault, 4 - 20 mA open-circuit, and low flow rate)	Recover from the fault on the detector head.
		Cable open-circuit between the indicator/alarm unit and the detector head	Restore the cable connection between the indicator/alarm unit and the detector head.
Sensor abnormalities <b>E-1A</b> <b>SENSOR</b> (GP-5001/NC-5001/ GH-5001/OX-5001 only) (GP-6001/NC-6001/ GH-6001/OX-6001 only)	Lighting	Amplifier PCB connection abnormalities	Check the harness between the amplifier PCB and the main PCB for connections.
		Sensor open-circuit and short-circuit in the detector head	Connect the cable between the indicator/alarm unit and the detector head (sensor) properly or replace the sensor.
		Abnormalities in current supply to the sensor	Readjust the heater current.
		Abnormalities in voltage supply to the sensor	Readjust the load voltage.
		Zero follower abnormalities	Perform the zero adjustment.
Flow rate abnormalities <b>E-5d</b> (EC-5002/EC-5002i only) (EC-6002 only)	Lighting	Flow loss on the detector head	Recover from the flow rate abnormality on the detector head. For more information, see the operating manual of the detector head.
Communication abnormalities <b>E-6</b> (Only on a model with RS-485 (option) mounted)	Lighting	Abnormalities in communications with the upper unit	Please contact distributor.
System abnormalities <b>E-9</b>	Lighting	Clock abnormalities	
System abnormalities <b>E-9</b> <b>SYSTEM</b>	Lighting	Abnormalities of ROM, RAM, or EEPROM on the main PCB	
		Power voltage abnormalities on the main PCB	
System abnormalities <b>E-9A</b> <b>SYSTEM</b>	Lighting	Abnormalities of ROM or RAM on the amplifier PCB	
		Reference voltage abnormalities on the amplifier PCB	