

Error code list

Model : SD-3 series

Symptom/display	FAULT lamp	Cause	Corrective action
Sensor abnormality (E-1)	Lighting	The sensor is not connected or connected improperly.	Turn off the power and check the sensor connection.
		A sensor fault has occurred.	Replace with a new sensor.
		Effects of sudden surge noise	Turn off the power and restart. If similar symptoms recur frequently, take appropriate measures to address the noise source. If the problem persists even with noise prevention measures, contact distributor.
		The main unit (SD-3/SD-3SC) or remote sensor head (GD-3) internal wiring is connected incorrectly.	Connect internal wiring of the main unit (SD-3/SD-3SC) or remote sensor head (GD-3) correctly.
		Cable abnormality between the main unit (SD-3SC) and remote sensor head (GD-3)	Check the cable between the main unit (SD-3SC) and remote sensor head (GD-3).
		A main unit (SD-3/SD-3SC) or remote sensor head (GD-3) fuse has blown.	Replacement required. Contact distributor.
		Main unit (SD-3/SD-3SC) or remote sensor head (GD-3) internal circuit abnormality	
System abnormality (E-9)	Lighting	4 - 20 mA output disconnection	Turn off the power and check the 4 - 20 mA output connection.
		Internal ROM, RAM, or EEPROM fault	Turn off the power and restart. If the problem persists, replacement is necessary. Contact distributor.
GD-3 abnormality (E-1A)	Lighting	The sensor is not connected or connected improperly.	Turn off the power and check the sensor connection.
		A sensor fault has occurred.	Replace with a new sensor.
		Effects of sudden surge noise	Turn off the power and restart. If similar symptoms recur frequently, take appropriate measures to address the noise source. If the problem persists even with noise prevention measures, contact distributor.
System abnormality (E-9)	—	Clock abnormality	Set the date and time. Correction may not function correctly if the EC sensitivity correction function is enabled. If similar symptoms recur frequently, the internal clock may be defective. Replace with a new internal clock. Contact distributor.

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Outside operating temperature range (E-27)	—	Ambient temperatures at the location where the product is installed are outside the operating temperature range.	The product operating temperature range varies with the specific detection principle. The product cannot be used outside the operating temperature range. The user should take appropriate measures.
Sensor life expiration warning (E-8)	—	The sensor is approaching the end of its service life.	We recommend sensor replacement. Contact distributor.
Sensor warning (E-1)	—		Contact distributor.