

## 10.2 Self Diagnostics Function (ERROR)

This instrument always makes a self diagnostics on the items listed in Table 10.1 below. When an error is found in the self diagnostics results, a relevant error number is displayed.

### 10.2.1 Self Diagnostic Items

Table 10.1 Status output list

Type	Error message	Parts	Diagnostic	Remedy
Hard ware error	E Err01	Zero point sensor	Zero point position of servomotor cannot be detected.	Contact our dealer where you purchased the instrument or our sales representative.
	E Err02	ADC	AD conversion end error, Initializing error	
	E Err03	IC for clock	The clock battery runs down [Note1]	
	E Err04	WDT	Watchdog timer error	
	E Err05	EED WRITEWRITE	Non-volatile memory Writing error	
	E Err06	EED READ1	Non-volatile memory Reading error (Setup data)	
	E Err07	EED READ2	Non-volatile memory Reading error (Engineering data)	
	E Err08	EED READ3	Non-volatile memory Reading error (ADC Calibration data)	
	E Err10	RJC ERROR	The measurement is abnormal of the RJC internal temperature sensor.	
Operation error	E Err21	Area error	Input value is over the setting range.	Set properly
	E Err22	Time error	Clock time setting error	
	E Err23	Setting range error	Setting the channel (CH1) which cannot set up the sum/difference/average operation.	
	E Err24	Area error	Span L $\geq$ Span R	
	E Err25	Area error	Scale L $\geq$ Scale R	
	E Err26	Area error	Zone L $\geq$ Zone R or Zone R - Zone L is less than 5mm.	
	E Err27	Setting channel error	The reference channel range of the sum/difference/average operation is except Volt, TC, RTD and SCALE.	
	E Err28	All channels skip error	Setting the Skip all channels.	

[Note1] The lifetime of the cell assumes about 10 years but sometimes depends on the use environment.