Chapter 9. TROUBLESHOOTING

The followings explain errors that could occur during operating the thermocouple input module and their troubleshooting.

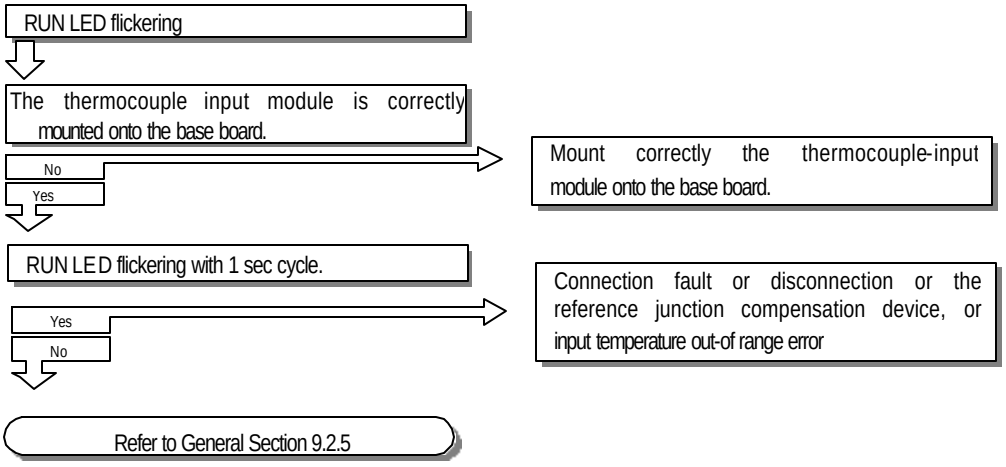
9.1 Errors Indicated by RUN LED Flickering

Errors indicated by the thermocouple input module RUN LED flickering are given below.

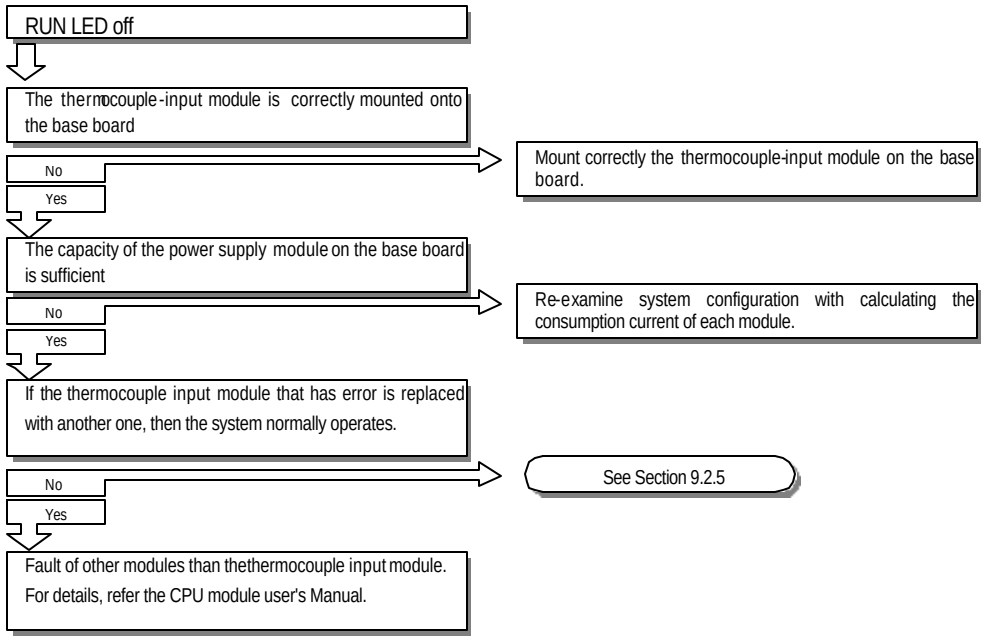
RUN LED Status	Error Type	Remark
Flickering (cycle: 0.1 sec)	WDT error	
Flickering (cycle: 0.2 sec)	System error	
	Buffer memory error	
Flickering (cycle: 0.6 sec)	A/D conversion error	
Flickering (cycle: 1.0 sec)	Disconnection	
Flickering (cycle: 1.0 sec)	Outside the upper or lower bound of the range	The data before error has occurred is retained
Flickering (cycle: 1.0 sec)	Reference junction compensation device error	The data before error has occurred is retained

9.2 Troubleshooting Procedure

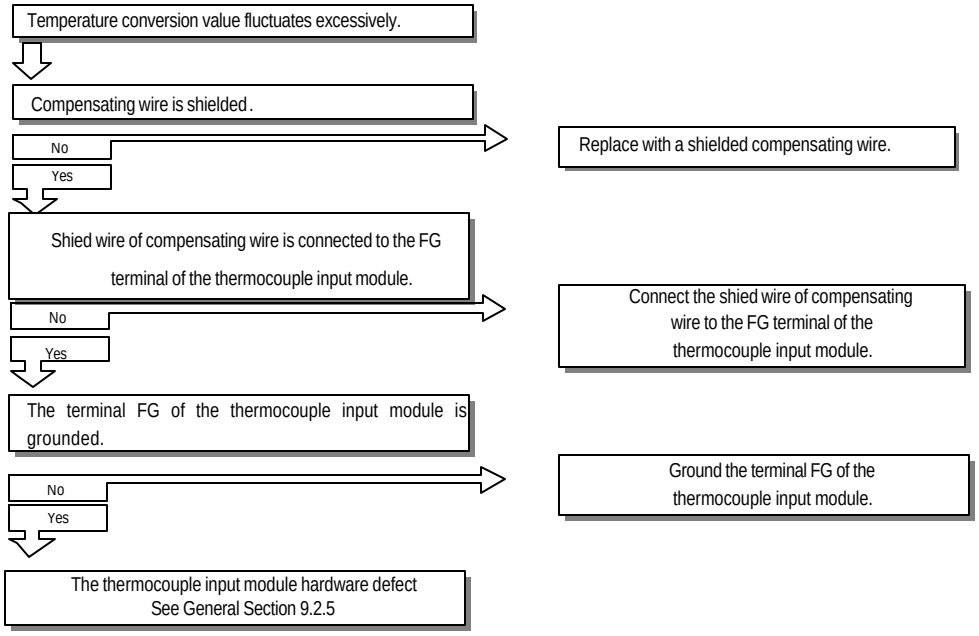
9.2.1 RUN LED Flickering



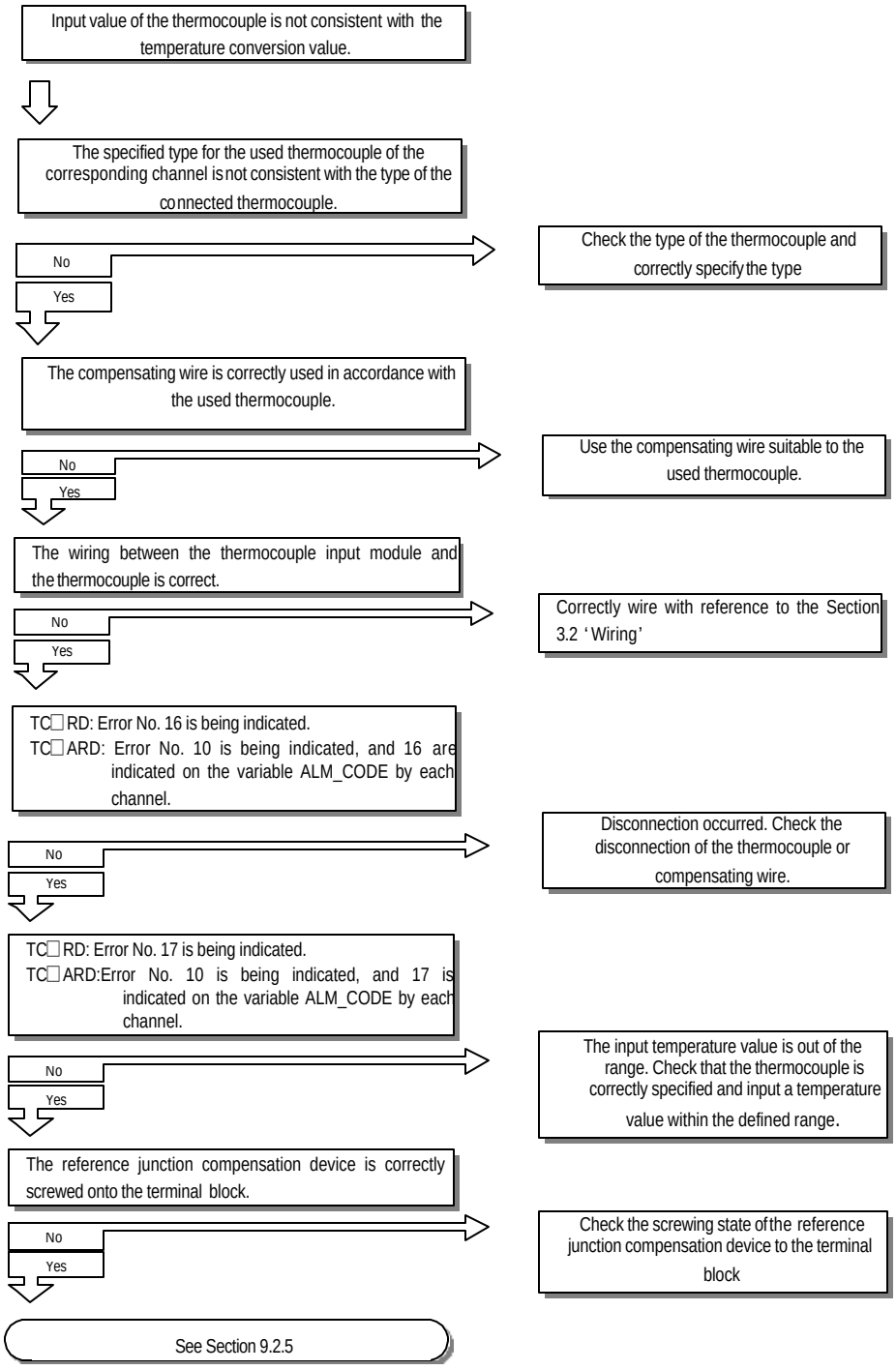
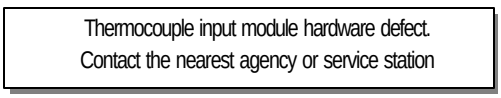
9.2.2 RUN LED Off



9.2.3 Temperature Conversion Value Fluctuates Excessively



9.2.4 Input Value of the Thermocouple does not Correspond to the Detected Temperature Value.



9.2.5 Thermocouple Input Module Hardware Defect