

Title:	Controller Error Codes on PLC Dsisplay			ID:
				112
Date in:	Response:	Model:	Author:	
26.04.11		-	CMA	

Controller Error Codes on PLC Display

Error code	Description	Cause	Remedy
00	No error		
10	CALL nest error	Subroutines are nested to four levels or more.	These errors may occur when a program is executed. Check the program while paying particular attention to usage of subroutines and the INT instruction, and restore the program accordingly.
11	FOR nest error	FOR/NEXT instructions are nested to eight levels or more.	
12	INT nest error	Five levels or more of interrupts occurred simultaneously.	
13	MPS nest error	MPS/MPP instructions are nested to eight levels or more.	
20	Memory error	Content in RAM was erased. All data in data memory and current values of counters in the KV were cleared.	Turn the KV off once and turn it on. Register data from the beginning.
30	Scan timer error	Scan time exceeds 300 ms.	Check the program again. <ul style="list-style-type: none"> • Be sure that there is no excessive repetition using the FOR/NEXT loop. • Be sure that an interrupt is not executed at a higher rate.
40	NO PROGRAM	Attempt was made to operate a KV base unit which has no programs stored.	Write a program into KV.
50	SND/RTN failure	Hardware error was detected in a KV base unit.	Turn off the power for the KV, and then turn it on again. If the cause of the error is not removed, the KV may be faulty. Contact your nearest KEYENCE office.
51	Division by zero		
52	Address error		
53	Invalid instruction		
54	Watchdog timer error		