

# PEEK AND POKE COMMANDS

PEEK POKE	FUNCTION	PERMITTED VALUES	DEFAULT VALUE
P0	Calibration interval (0.01 Deg C)	0 to 30000	50 (0.5 Deg C)
P1	2V range trim factor (100 ppm)	-30000 to 30000	0
P2	200mV range trim factor (100 ppm)	-30000 to 30000	0
P3	20mV range trim factor (100 ppm)	-30000 to 30000	0
P4	Frequency range trim factor (100 ppm)	-30000 to 30000	0
P5	Resistance range trim factor (100 ppm)	-30000 to 30000	0
P6	Checksum interval (Data points)	1 to 30000	127
P7	Control/alarm scan interval	1 to 30000	5
P8	Voltage attenuation factor	1 to 30000	11 (11:1)
P9	Analog output Vref (mV)	-7000 to 7000	-2490
P10	ADC settling period (mSec)	0 to 30000	10
P11	Mains frequency (Hz)	40 to 1000	50/60
P12	Number of ave/min/max samples	Peek only	
P13	Debounce period of digital inputs	0 to 30000	47 (10 mS)
P14	High speed counter (Counter 0)	-32768 to 32767	13
P15	High speed counter stop	0 to 255	0
P16	High speed counter start	0 to 255	0
P17	High speed counter mode	0 to 255	5
P18	Set/read digital outputs (8 bit data)	0 to 255	0
P19	Clear digital outputs (8 bit mask)	0 to 255	0
P20	Set digital outputs (8 bit mask)	0 to 255	0
P21	Current Shunt (Milliohms)	1 to 65535	10000 (10.00 Ohm)
P22	Data delimiter character	1 to 127	13 (CR/LF)
P23	Calibration cycles	1 to 20	3
P24	Scan delimiter character	1 to 127	13 (CR/LF)
P25	Unstore finished character	0 to 127	0
P26	Screen initial character 1	0 to 127	0
P27	Screen initial character 2	0 to 127	0
P28	Screen initial character 3	0 to 127	0
P29	Screen initial character 4	0 to 127	0
P30	Screen initial character 5	0 to 127	0
P31	Screen initial character 6	0 to 127	0
P32	End of screen initial string	Peek only	
P33	RTD reference channel	1 to 25	24
P34	Thermocouple temp reference channel	1 to 25	25
P35	Thermocouple zero reference channel	1 to 25	24
P36	Temperature units (0=C, 1=F, 2=K, 3=R)	0 to 3	0 (Deg C)
P37	Thermocouple temp reference sensor 0= MA (LM 335, AD 590) 1= MC (LM 135) 2= BV (PT 100) 3= BR (PT100)	0 to 3	0 (LM335)
P38	Strain gauge reference channel	1 to 25	22
P39	Time format (0=HHMMSS, 1=seconds) 2=decimal hours)	0 to 2	0 (HHMMSS)
P40	Time separator character (HH MM SS)	1 to 127	58 (:)