

APENDICE D

PROGRAMACIÓN DEL SISTEMA CAMPBELL.

PROGRAMA PARA EL ADQUISIDOR DE DATOS

Program:
Flag Usage:
Input Channel Usage:
Excitation Channel Usage:
Control Port Usage:
Pulse Input Channel Usage:
Output Array Definitions:

* 1 Table 1 Programs
01: 10 Sec. Execution Interval

01: P11 Temp 107 Probe
01: 1 Rep
02: 1 IN Chan
03: 3 Excite all reps w/EXchan 3
04: 1 Loc : TREF
05: 1 Mult
06: 0 Offset

02: P14 Thermocouple Temp (DIFF)
01: 1 Rep
02: 22 7.5 mV 60 Hz rejection Range
03: 2 IN Chan
04: 3 Type K (Chromel-Alumel)
05: 1 Ref Temp Loc TREF
06: 2 Loc : TCAMPBELL
07: 1 Mult
08: 0 Offset

03: P14 Thermocouple Temp (DIFF)
01: 1 Rep
02: 22 7.5 mV 60 Hz rejection Range
03: 3 IN Chan
04: 3 Type K (Chromel-Alumel)
05: 1 Ref Temp Loc TREF
06: 3 Loc : T#1

07: 1 Mult
08: 0 Offset

04: P14 Thermocouple Temp (DIFF)
01: 1 Rep
02: 22 7.5 mV 60 Hz rejection Range
03: 4 IN Chan
04: 3 Type K (Chromel-Alumel)
05: 1 Ref Temp Loc TREF
06: 4 Loc : T#2
07: 1 Mult
08: 0 Offset

05: P14 Thermocouple Temp (DIFF)
01: 1 Rep
02: 22 7.5 mV 60 Hz rejection Range
03: 5 IN Chan
04: 3 Type K (Chromel-Alumel)
05: 1 Ref Temp Loc TREF
06: 5 Loc : T#3
07: 1 Mult
08: 0 Offset

06: P14 Thermocouple Temp (DIFF)
01: 1 Rep
02: 3 25 mV slow Range
03: 6 IN Chan
04: 3 Type K (Chromel-Alumel)
05: 1 Ref Temp Loc TREF
06: 6 Loc : T#4
07: 1 Mult
08: 0 Offset

07: P92 If time is
01: 0 minutes into a
02: 10 minute interval
03: 10 Set high Flag 0 (output)

08: P77 Real Time
01: 0220 Day,Hour-Minute

09: P71 Average
01: 1 Rep
02: 1 Loc

10: P71 Average
01: 1 Rep
02: 2 Loc

11: P71 Average
01: 1 Rep
02: 3 Loc

12: P71 Average
01: 1 Rep
02: 4 Loc

13: P71 Average
01: 1 Rep
02: 5 Loc

14: P71 Average
01: 1 Rep
02: 6 Loc

15: P End Table 1

* 2 Table 2 Programs
01: 0.0000 Sec. Execution Interval

01: P End Table 2

* 3 Table 3 Subroutines

01: P End Table 3

* A Mode 10 Memory Allocation
01: 28 Input Locations
02: 64 Intermediate Locations
03: 0.0000 Final Storage Area 2

* C Mode 12 Security
01: 0000 LOCK 1
02: 0000 LOCK 2
03: 0000 LOCK 3

Input Location Assignments (with comments):

Key:

T=Table Number

E=Entry Number

L=Location Number

T: E: L:

1: 1: 1: Loc : TREF

1: 2: 2: Loc : TCAMPBELL

1: 3: 3: Loc : T#1

1: 4: 4: Loc : T#2

1: 5: 5: Loc : T#3

1: 6: 6: Loc : T#4