

Technical Information:

Date: Aug 09th 2004
Subject: D1CAW PC Board - Options
Product: D1C
Category: Configuration
Page : 1 Page

The following info shows the Main Board and IOS Board (optional board) combinations that are used with D1C Identcode selections. PID control, pump pacing and single mA output are always on the main board and can be enabled with the Hardware Key.

D1Ca	Dulcometer controller series D1C	Component processor	IOS unit	Software
characteristic ①	Mode of assembly			
W	Wall mounting			
characteristic ②	Operating voltage			
0	230 V 50/60 Hz	725612; 725613; 725478; 725480; 725692		
1	115 V 50/60 Hz	725612; 725613; 725478; 725480; 725692 modified for 115 V		
4	24 V AC/DC	725506; 725508 #		
characteristic ③	Measurable variable			
A	PES			DIC-D*
C	Chlorine			DIC-A*
D	ClO ₂			DIC-B*
H	H ₂ O ₂			DIC-D*
L	Conductivity			DIC-C*; DIC-L*
P	pH			DIC-A*
R	ORP			DIC-A*
S	Standard Signal			DIC-B*
T	Temperature			DIC-A*
X	O ₂			DIC-B*
Z	O ₃			DIC-B*
characteristic ④	Connecting mode of measurable variable			
1	terminal standard signal 0/4 - 20 mA	725613; 725480; 725508		
2	SN6 - plug for P or R	725612; 725478; 725506		
3	terminal for L	725692		
4	terminal Pt100 for T	725613; 725480; 725508		
5	terminal mV for P or R	725612; 725478; 725506		
characteristic ⑤	Corrective variable			
0	none			
1	ph for chlorine	725612; 725613; 725506; 725508	725634; 731029	
2	temperature for P or L via terminal	725692		
3	temperature for P or L via standard signal	725612; 725613; 725506; 725508; 725692	725634; 731029	
4	manual temperature input for P or L			
characteristic ⑥	Feed forward control			
0	none			
1	as standard signal 0/4 - 20 mA	725612; 725613; 725506; 725508; 725692	725634; 731029	
2	as frequency 0 - 500 Hz	725612; 725613; 725506; 725508; 725692	725634; 725636; 731029; 731156	
3	as frequency 0 - 10 Hz	725612; 725613; 725506; 725508; 725692	725634; 725636; 731029; 731156	
characteristic ⑦	Control input			
0	none			
1	Pause	725612; 725613; 725506; 725508; 725692	725634; 725636; 731029; 731156	
characteristic ⑧	Signal output			
0	none			
1	standard signal 0/4 - 20 mA measurable variable			
2	standard signal 0/4 - 20 mA control variable			
3	standard signal 0/4 - 20 mA corrective variable			
4	2 outputs standard signal 0/4 - 20 mA	725612; 725613; 725506; 725508; 725692	731029; 731156	
characteristic ⑨	Power control			
A	Alarm relay			
G	Alarm and 2 limit value relays			
M	Alarm and 2 solenoid valves			
R	Alarm relay and servomotor with feedback	725612; 725613; 725506; 725508; 725692	725634; 731029	