



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT  
ARIYALUR  
INSTRUMENTATION MANUAL**



Issue No. 01	Rev. No: 00	Effective Date: 20.09.2017	INST/SOP/044
Issued By: M.R		Approved By: HOD - INSTRUMENTATION	
SOP for changing and saving parameter of vibro controller.			

### **Description of function keys in vibrocontrol:**

#### **MODE button**

Push the mode arrow button once. The number 1 is displayed in the mode display field.

#### **[↑] resp. [↓] buttons**

Press repeatedly up or down arrow button until the code number associated with the corresponding parameter Group is displayed.

Parameter Group	Code Number
1	11
2	22
3	3

#### **MODE button**

The mode selection is accepted. Now the parameter number 2 is displayed and the associated parameter value is displayed in the measurement value field.

#### **[↑] resp. [↓] buttons**

Switching the parameter values to next higher resp. next lower value.

#### **MODE button**

By pushing the MODE button you can switch to the next parameter. If changes are made to the parameter values, these are saved in an intermediate memory until you exit the parameter mode.

#### **MODE + RESET buttons**

All parameter settings are accepted and take immediate effect. The parameter mode is exited; the corresponding value of the input signal is displayed in the measurement value field.

#### **RESET button**

Changes made to the parameter settings are ignored. The previous parameter values are retained. The parameter mode is exited; the value corresponding to the input signal is displayed in the measurement value field.



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## Step 1: Parameter For Group 1:

### Mode 1 Code number

Press MODE button once and enter the Value: 11 in main display by pressing up or down arrow ([↑] resp. [↓] buttons). Then by pressing down arrow near mode button parameter will be change and the same step to be continued.

### Mode 2 Range allocation for analog output

Default value: 20 mm/s

Value	Equals
10	0 ... 10 mm/s
20	0 ... 20 mm/s
50	0 ... 50 mm/s
100	0 ... 100 mm/s

### Mode 3 Limit value LIM 1

Default value: 4.5 mm/s

### Mode 4 Limit value LIM 2

Default value: 7 mm/s

### Mode 5 Time delay LIM 1

Default value: 10 s

### **Note:**

*The minimum setting „0“ corresponds to a time delay of 1 second.*

### Mode 6 Time delay LIM 2

Default value: 5 s

### Mode 7 High-pass filter value

Default value: 10 Hz

Press MODE + RESET button both at same time for parameter save.



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## Step 2 :Parameter For Group 2:

### Mode 1 Code number

Press MODE button once and enter the Value: 22 in main display by pressing up or down arrow ([↑] resp. [↓] buttons). Then by pressing down arrow near mode button parameter will be change and the same step to be continued.

### Mode 2 Sensor sensitivity

Default value: 2 i.e. (100 mV/mm/s) for all sensors.

### Mode 3 Correction factor

Default value: 1.00

To allow sensors which have a sensitivity other than those listed in parameter 2 of Group 2 to be used with the instrument, the selected value can be corrected with a factor in the range 0.1 to 1.99.

### Mode 4 DC Current output range

Default value: 4 ... 20 mA

### Mode 5 Limit relays operating mode

Default value: 0

### Mode 6 LED segment

Default value: 0

### Mode 7 Analog output and Display test

Default value: 1

Press MODE + RESET button both at same time for parameter save.