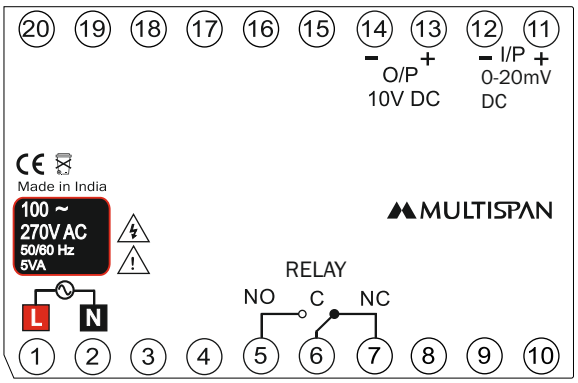
TechnicalSpecification

Model	LD 1252
Display	Upper : 5 digit,7 seg 0.56" RED LED Lower : 5 digit,7 seg 0.56" WHITE LED
Size(mm)	101 (H) x 101 (W) x 54 (D)mm
PanelCutout	92X92mm
Input	0 to 20mV DC
Output	1R1C/O & 10V DC Excitation Voltage
PowerSupply	100-270VAC(SMPS)
Protection Level	IP-65 (Front side) As per IS/IEC 60529 : 2001
Operating Temperature	0°C To 55°C
Relative Humidity	Up to 95% RH Non Condition

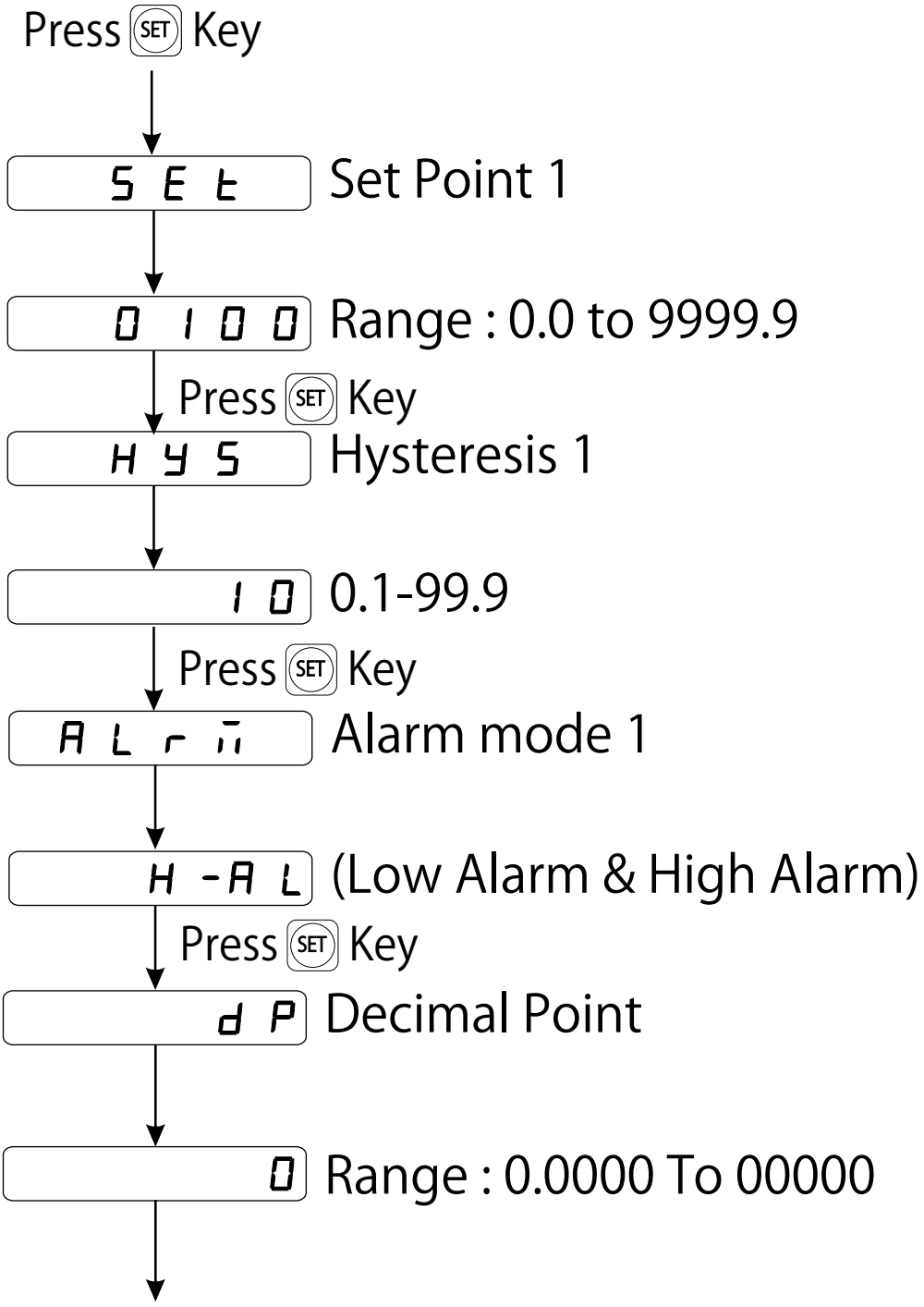
CalibrationMethod

1) Suppose, you have 5Kg load on the cell. You can set the 5 Ckg (Calibration Kg) parameter on the load cell.
2) Press (SET) Key, display will indicate mesage for HCAL (Higher Calibration).
3) Now remove the load, press (SET) key, dispaly will indicate for LCAL (Lower Calibration).

ConnectionDiagram



BasicConfiguration



Select decimal point as per requirement as shown as follow.

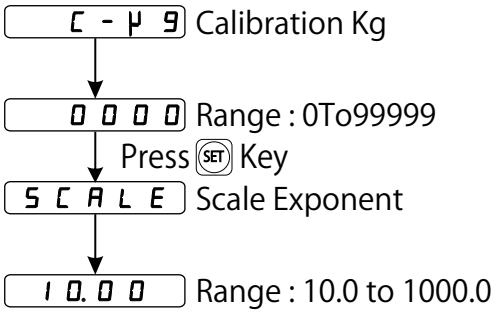
For ex.1kg load

Decimal sele. type 000.00 → 001.00

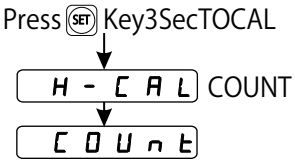
Decimal sele. type 00.000 → 01.000

↓ Press (SET) Key

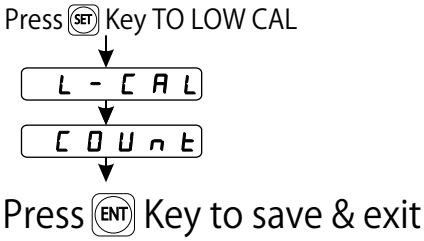
Customer have to put minimum 20% to 25% load of Load cell value. Put load on load cell & enter the value of load in Ckg parameter.



Next parameter is H-CAL some counter is display as per load. Wait for sometime until count become stable on display. Press set key for 3Sec for next parameter.



Next parameter is L-CAL. Remove load from the load cell & wait for sometime untilcount become stable on display. Press set key to save the values. Please power off instrument & power on again to save all parameters



Working

1.Do all connection as shows in connection diagram and turn on the instrument.
2.Display shows current process weight in kg as per range and decimal point selection.
3.10VDC Excitation Voltage O/P is also provided at back terminal to drive load cell.
4.To TARE the weight press (∧) Key for 2 Sec.
5.Press (∨) Key Show Peak Value.
6.Peak Value Reset Press (∨) Key First and Press (ENT) Key For 3 Sec.

NOTE :