Vishay PM 1155 Quick Setup Guide

Standard Screens (CAN mode)

Standard screens appear when the display is powered on depending on what is setup:

Net Weight - set this in Display - Power On Screen (1).

Gross Weight - set this in Display - Power On Screen (2).

Time / Date - set up in Outputs - Set Time / Date. (3).

Axles (No. of and weight on each) - set in Setup - Vehicle Config - Weigh Mode - Axles.

Twin (No. of and weight on each) - set in Setup - Vehicle Config - Weigh Mode - twin/5+air.

Load / Deliver - set in Setup - Settings - Load / deliver.

Standard Screens (Analogue mode)

The standard screens available in Analogue mode are:

Net Weight - set this in Display - Power On Screen (1).

Gross Weight - set this in Display - Power On Screen 2).

Time / Date - set up in Outputs - Set Time / Date (3).

Load / Deliver - set in Setup - Settings - Load / deliver

NOTES:

If no gross weight to be shown set the Tare to zero.

Ensure that Load Cells (Vehicle Config) is set to Auto mode, either CAN or Analogue

will also be shown on the same line depending on which mode you are using.

Setting up display - (CAN mode)

Obtain Tare weight, maximum load and (if using axle weighing) the maximum load on each axle, using weighbridge / weighpads.

Zero Tare

With vehicle empty go to: Menu - Setup - Calibrate. (4) by pressing the UP arrow button until the Time / Date screen can be seen, then pressing the LEFT arrow button to get the Menu screen. Press the DOWN arrow button to get Setup followed by the LEFT arrow button to open the Setup screen. Press the DOWN arrow button to go to Calibrate followed by the LEFT arrow button to open the screen.

Zero will be highlighted. Press the LEFT arrow button The screen shows "Are you sure ? Yes / No". Press Yes, (LEFT arrow button). screen shows "Zero OK"(5) then returns to the previous screen.

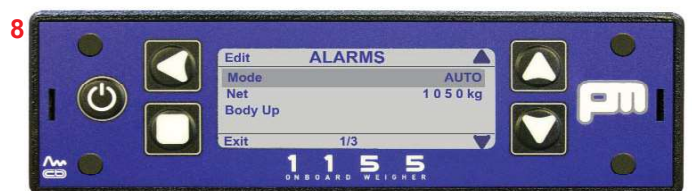Press Exit 3 times to go to the main screen.

Span Vehicle

Load vehicle to as near full load as possible (for instance 20000kg).

Go to Menu - Setup - Calibrate. (see Zero Tare for how to do this).

Go to Span with the DOWN arrow button and then press the LEFT arrow button. Screen shows "Net Span Weight" and "Calibrate". Net Span Weight should be selected (6).

To alter weight press LEFT arrow button, first figure will be highlighted. Alter figure using Up / Down arrow buttons to alter values and LEFT arrow button to move along figure until correct value is reached (in this instance 20000kg) (7).

Press Exit to go to the previous screen.

Press the DOWN arrow button to go to the "Calibrate" option followed by the LEFT arrow button. The screen will say "Are you sure ? Yes / No". Press Yes (LEFT arrow button), screen shows "Zero OK"

Press Exit 3 times to go to the main screen.

Net Alarm

Go to Menu - Setup - Alarms by pressing the UP arrow button until the Time / Date screen can be seen, then pressing the LEFT arrow button to get the Menu screen. Press the DOWN arrow button to get Setup followed by the LEFT arrow button to open the Setup screen. Alarms should be highlighted. Press the LEFT arrow button to open the screen. Ensure that the Alarm Mode is set to Auto (8). If not press the LEFT arrow button.

Press the DOWN arrow button and set the Net alarm weight to whatever is required.

To alter weight press Select button, first figure will be highlighted. Alter figure using Up / Down buttons to alter values and Select button to move along figure until correct value is reached. The Body Up alarm can be left unchanged.

Shown above are the three main standard screens

The various screens are accessed by using the display buttons:

The ON / OFF button
This is on the left of the display and is used to power up or power down the display.

The Left Arrow button
This button is used to return to a previous screen or to edit a number.

The Up Arrow button
This button is used to scroll up an on-screen list, or increment a number.

The Down Arrow button
This button is used to scroll down an on-screen list, or decrement a number.

The Accept / Exit button
This square button is used to accept changes to screens or parameters and exit the screen. Can also be used as the NO button.

Default Settings

Can be accessed from Menu - Setup - Reset Defaults
Display
    Contrast: 5
    Power On screen: Net weight
    Key bleep: off

Alarms
    Mode: manual
    Net weight: 50 000kg
    Gross weight: 50 000kg
    Body up threshold: -500kg

Vehicle Config
    Load cells: CAN
    Weigh mode: standard
    Tare weight: 5000kg
    Cell P.I. value: 16384

Settings
    Count by: 20kg
    Filter: low
    Zero Limit: 500kg
    Front panel zero: On
    Load deliver: Off
    Language: English

Outputs
    Printer
        Baud rate: 9600
        Handshaking: Off
        Print header: On
    Remote channel: A
    Auxillary output 1: Off
    Auxillary output 2: Off

Set time / date
    Daylight saving: On
Pin access
    Pin control: Off
    User alarms: No

Password
0000 (four zeros)