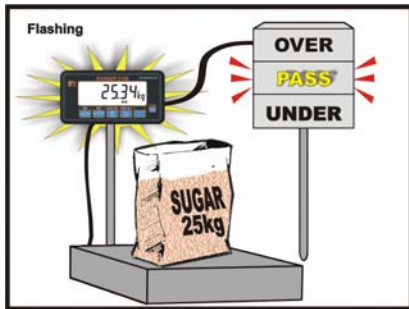
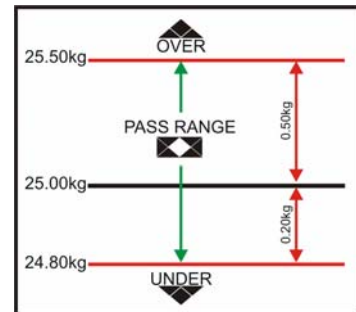


Application Note: 2100 Check weighing

Application:



A weighing machine is to be used in a check weighing system using a 2100. There are three grading zones available (Under, Pass and Over).



The target weight of the bag is 25kg. If the bag is under weight by 0.20kg or more the UNDER annunciator will display, single beeps will sound and the “UNDER” alarm switches on. If the bag is over weight by 0.50kg or more the OVER annunciator will display, double beeps will sound and the “OVER” alarm switches on. If the bag is within the range 24.80kg and 25.50kg the PASS annunciator will display, the 2100 weight display will flash and the “PASS” alarm switches on.

Components:



2100
12VDC, Panel mount



0227
12VDC Relay output module



0329
IP65 Stainless steel housing

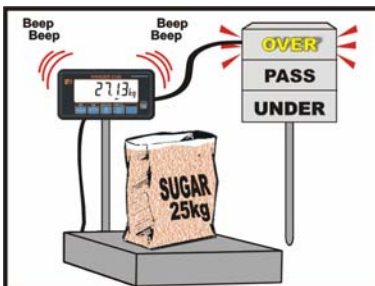


A10001 - A10004
Plug pack

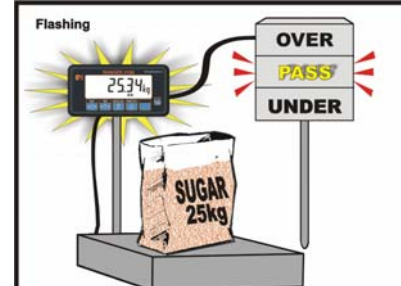
Operation:



1. The filled bag is placed on the scale. If the weight is less than 24.80kg Relay 1 activates. The UNDER annunciator displays and a single beep sounds.



2. If the weight is more than 25.50kg Relay 2 activates. The OVER annunciator displays and a double beep sounds.



3. If the weight is within the range of 24.80kg and 25.50kg Relay 3 activates. The PASS annunciator displays and the weight reading on the 2100 flashes.

