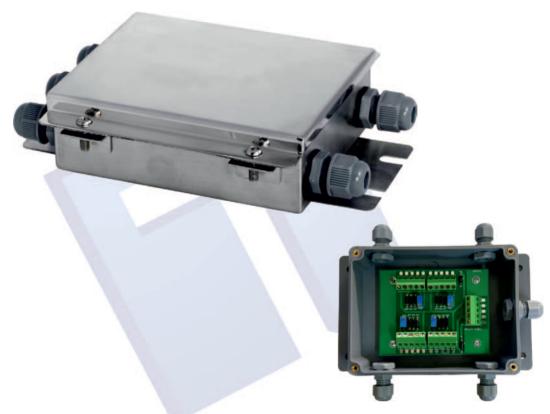


GENERAL

Most industrial load cells are used in multiple load cell weighing systems. Load cells should be electrically connected in such a way that the signal (output) lines, excitation (power supply) and sense(when present) lines are in parallel. Usually the connection is not made at the indicator, but in a separate housing, a so called junction box, located adjacent to the weighing system.



Features:

JB model Junction boxes made of high quality electronic board and components Able to connect with strain gauge load cell at resistance of 350 - 800 ohm, excitation $5 \sim 15 \text{V}$ DC JB Series are stainless steel, TK42 series are ABS plastic IP65 housing suitable for harsh environments Able to connect 4,6,8,10 load cell with screw terminal and soldering connection easy assembly SIGNAL TRIM adjusting the main benefit of signal trim is a neglectable interaction between span and zero and excellent temperature stability

EXCITATION TRIM is the oldest and still most used method of trimming each individual load cell.



| JUNCTION BOX | X | | Specifications |
|--------------|-----------------|-----------------------|----------------|
| MODEL | HOUSING | TYPES | DIMENSION mm |
| JB-SS-S-4 | Stainless Steel | Signal Adjustment | 192x136x46 |
| JB-SS-S-6 | Stainless Steel | Signal Adjustment | 192x136x46 |
| JB-SS-S-8 | Stainless Steel | Signal Adjustment | 318x160x64 |
| JB-SS-S-10 | Stainless Steel | Signal Adjustment | 318x160x64 |
| JB-SS-V-4 | Stainless Steel | Excitation Adjustment | 192x136x46 |
| JB-SS-V-8 | Stainless Steel | Excitation Adjustment | 318x160x64 |
| JB-P-S-4 | ABS Plastic | Signal Adjustment | 180x100x35 |
| JB-P-V-4 | ABS Plastic | ExcitationAdjustment | 180x100x35 |