

## 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 5~15V 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			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