

 weightechUSA

WT4

JUNCTION BOX



Compact, low-cost and robust
the perfect combination for your scale or system

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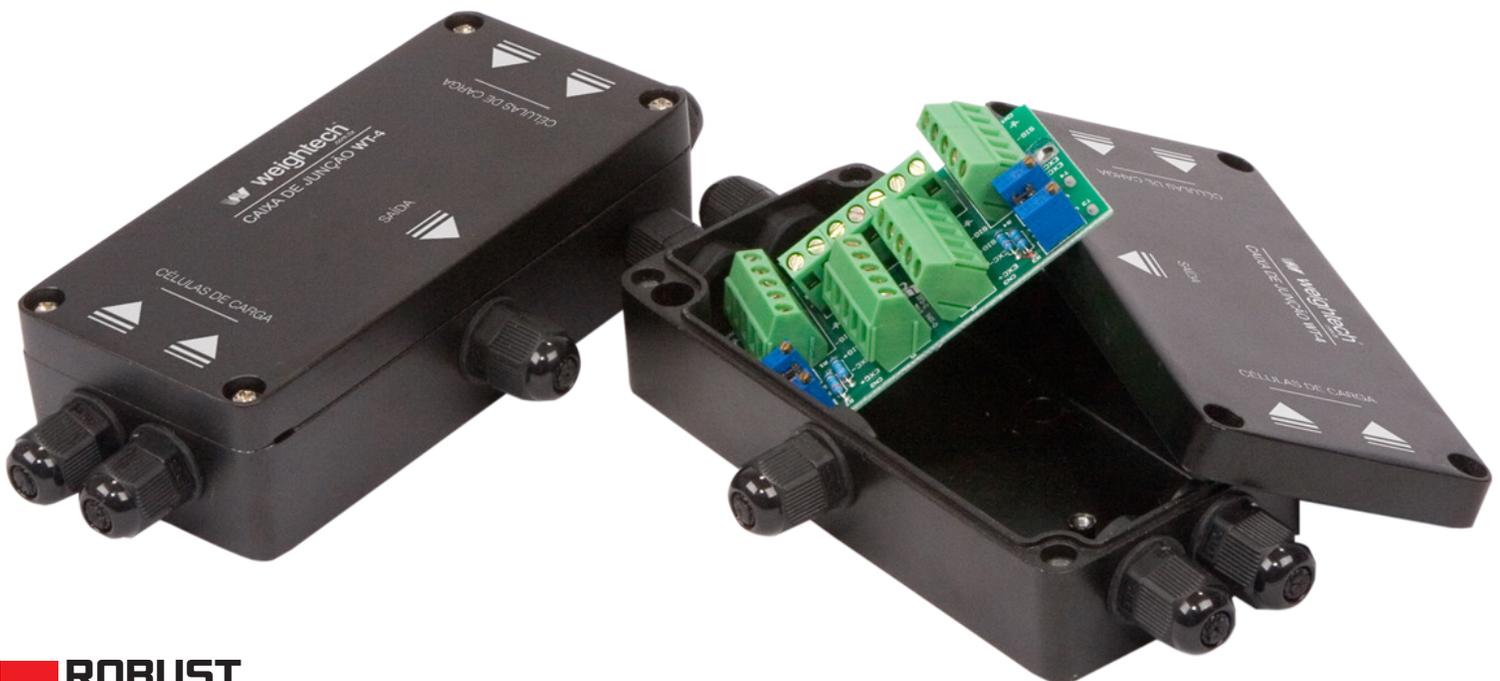
Editor: Stéphany



WT4

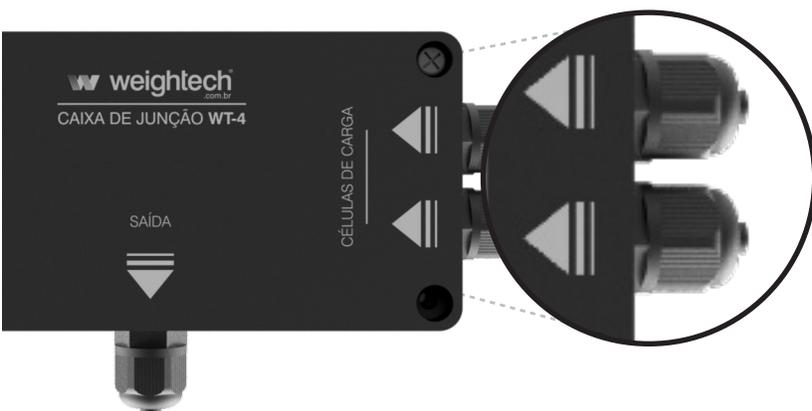
JUNCTION BOX

Low-cost equipment, widely used in automation systems, platform scales and silos or reactors in industrial yards, even outdoors.



ROBUST

Highly robust and with a compact design, the WT-4 is made of cast aluminum, with a high degree of thermal and electrical insulation.



CABLE PRESS

They allow the connection of cables from 3.5 to 7mm in external diameter, made of PA66 polyamide, with excellent sealing and high mechanical resistance.

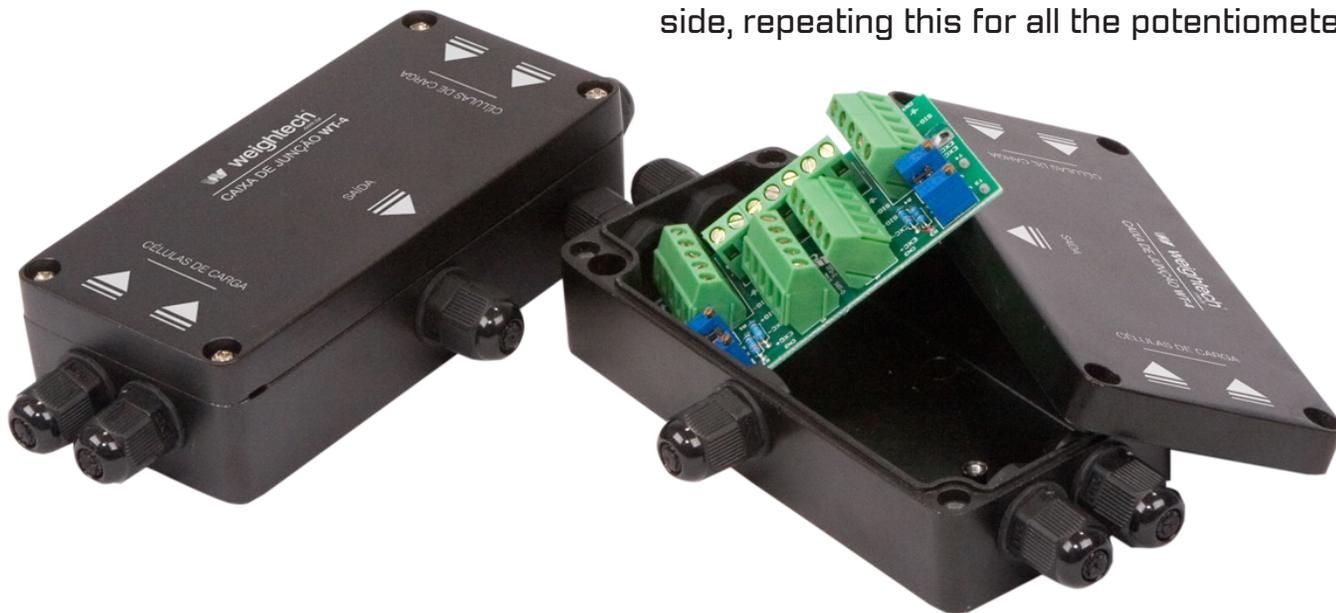
ADJUSTMENT INSTRUCTIONS

1

Before starting the calibration, make sure that all four jumpers are OPEN (REMOVE J1, J2, J3 and J4, ALL ALWAYS TOGETHER);

Set all the potentiometers to the middle of their range. If it's a new product, they will already be in this position, otherwise turn the potentiometer until you hear a sequential CLICK (end of the range) and then count 10 turns to the opposite side, repeating this for all the potentiometers;

2



3

To lower the value read at the corners, potentiometers VR1 (T1) and VR2 (T2) are turned clockwise and potentiometers VR3 (T3) and VR4 (T4) are turned counterclockwise (refer to photo above);



4

Zero the indicator and place the weight in each corner, noting the results and comparing them in X (cell 1 with 3 and 2 with 4, as long as you have organized the distribution of the cells, following the same organization as the position of the potentiometers in the photo above);

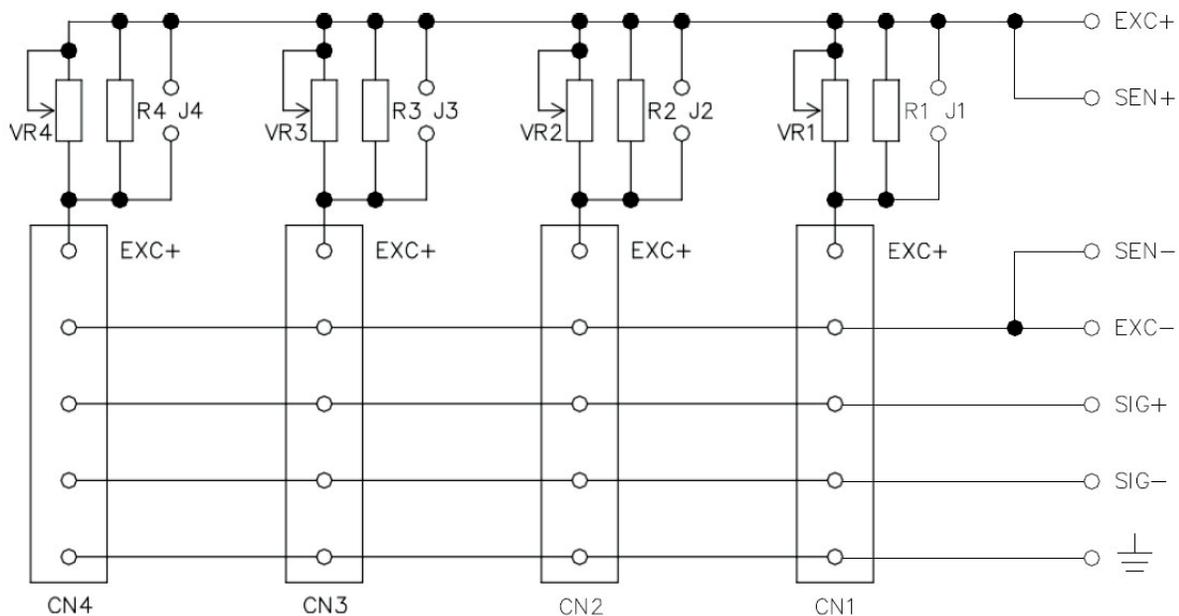
If the values are equal, the adjustment is complete, otherwise, apply the weight to the corners with the highest value and turn the corresponding potentiometer until the reading is the same as the opposite corner (corner with the lowest value);

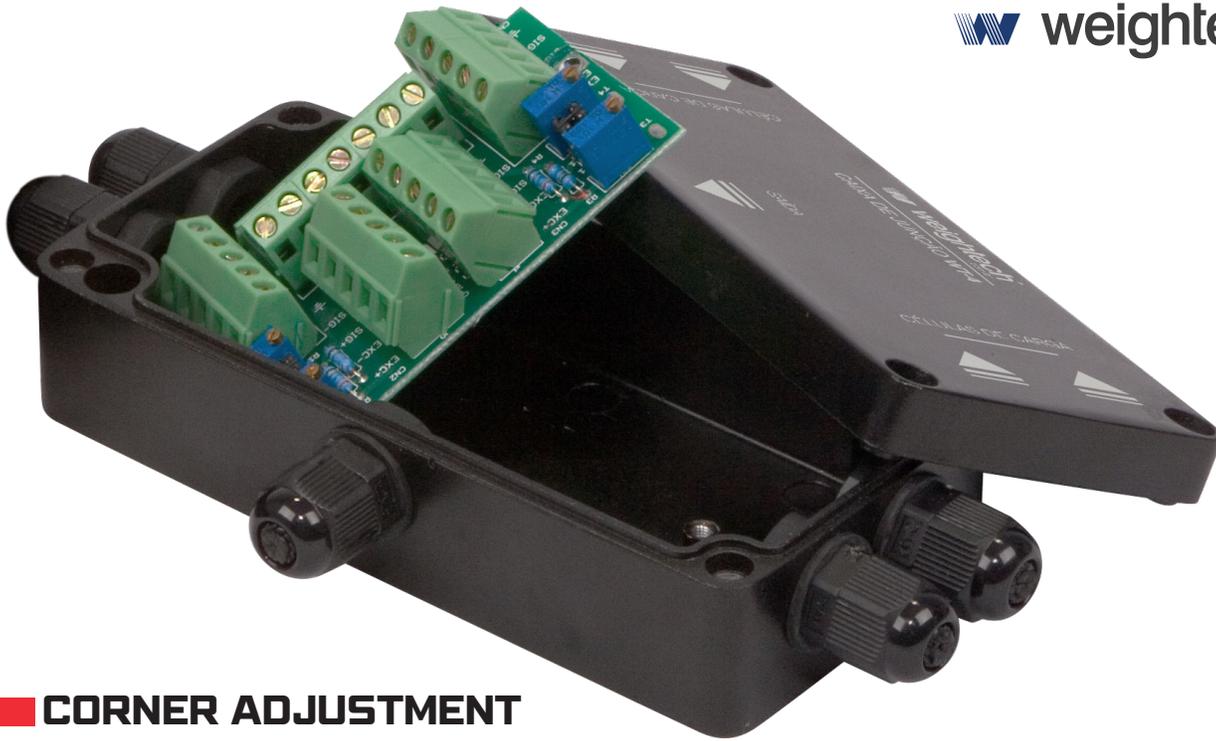
5

6

Repeat the procedure from step 4.

CONNECTION





CORNER ADJUSTMENT

Corner adjustment range of approximately 4.2% of output for 350 ohm cells.



Incredibly compact
135x65x38mm

Connection of
2 to 4 load cells

IP68

Excellent sealing finish, can be exposed to high pressure jets and dust.

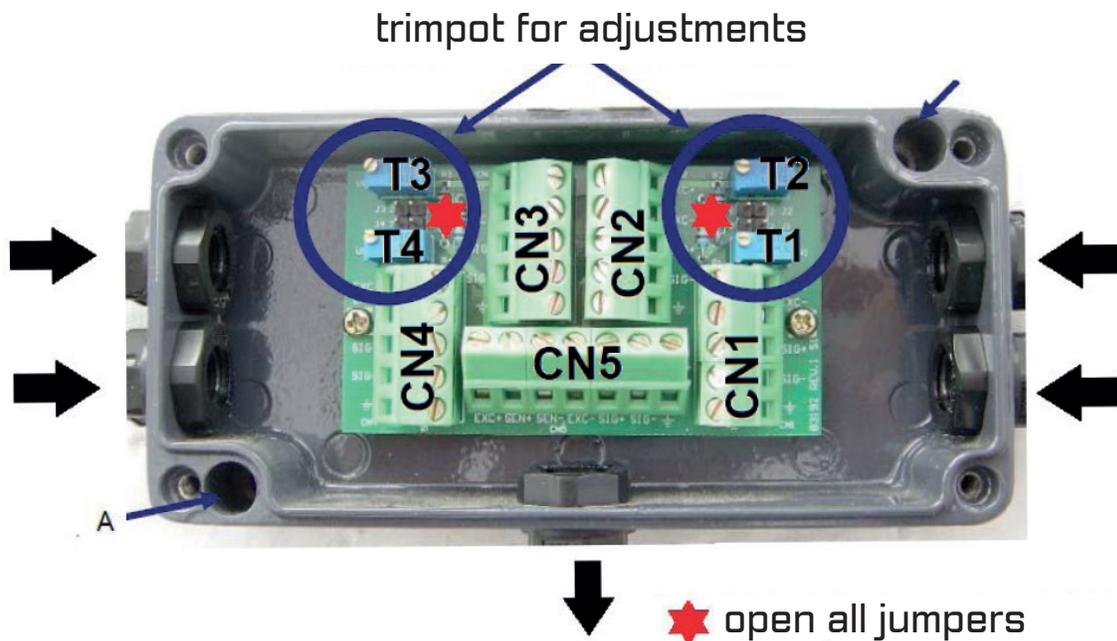


USING WT-4

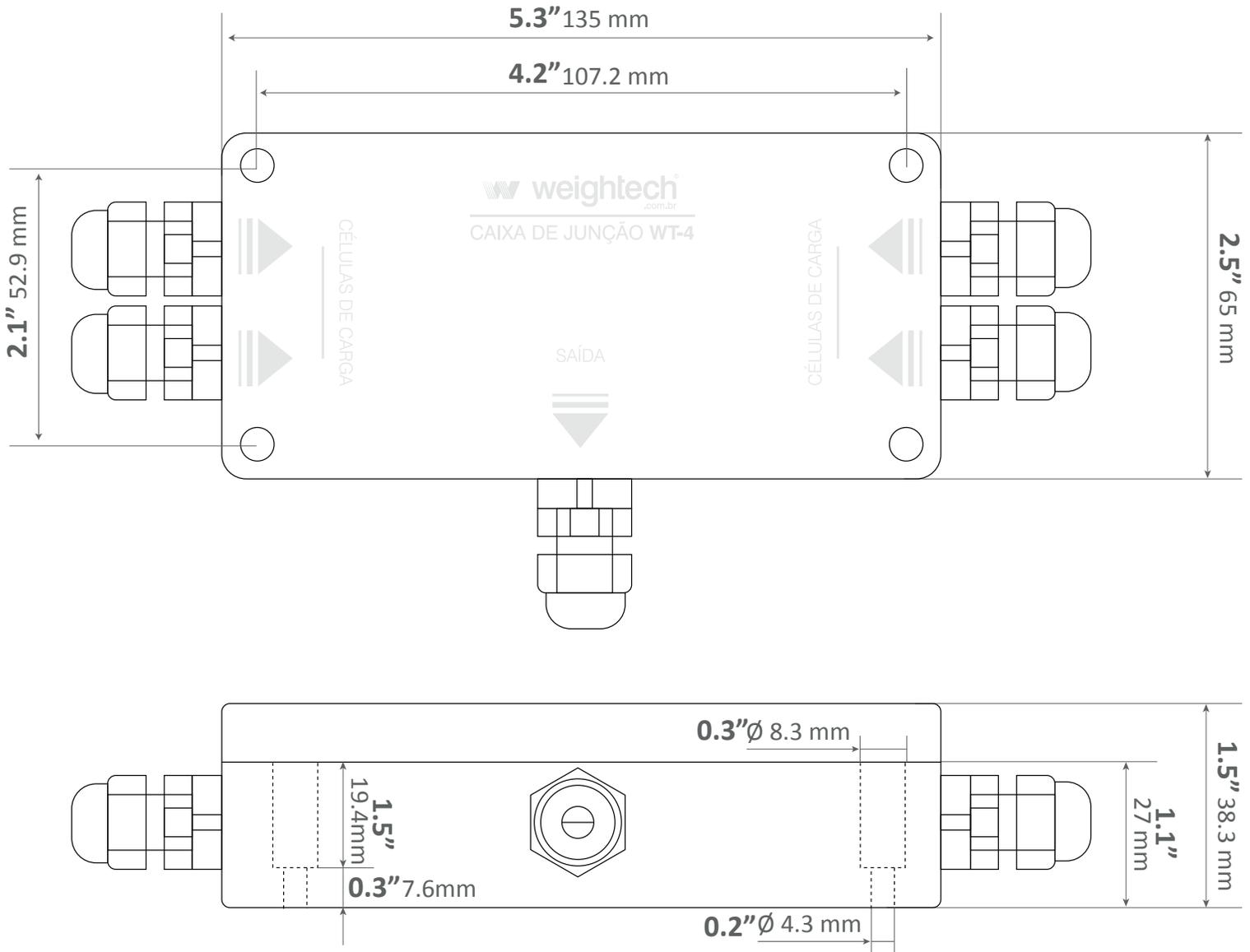
The circuit board for corner adjustment is housed in the box, and is attached to the box through the holes marked A in the photo. The load cells must be connected to the groups of 5 terminals distributed inside the box and each group of terminals is associated with one of the trimpots, where the adjustment is carried out.

We have:

TERMINAL BLOCKS	TRIMPOT FOR ADJUSTMENTS
CN1	T1
CN2	T2
CN3	T3
CN4	T4



DIMENSIONS



PART NUMBER

Products	Codes
Junction box WT4	40001

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MORE INFO



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