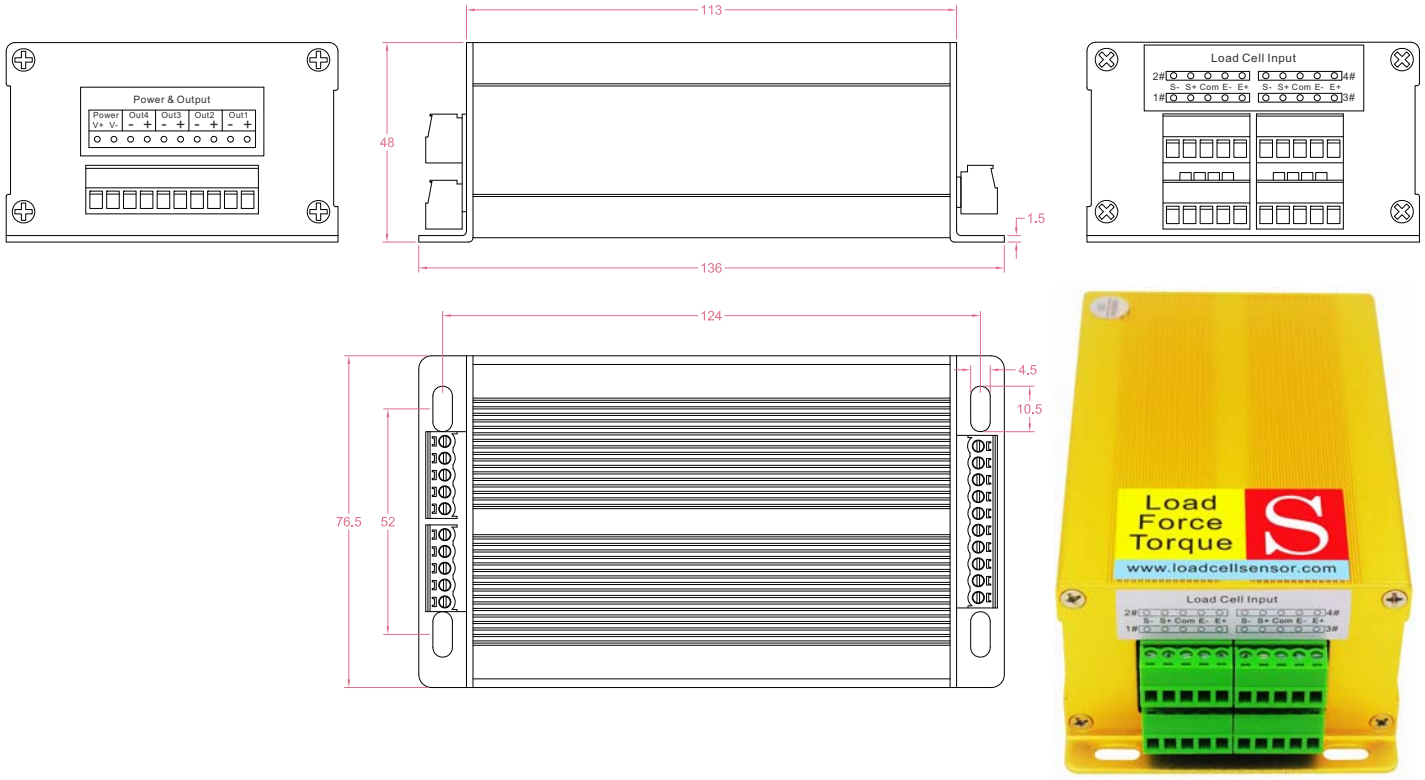
Model:AA4C/AA3C/AA2C

Dimensions in “mm”



Order example:

1 x AA4C-K-24V

Quantity Ordering part No.

Email to sales@loadcellsensor.com for a quote

Model	Input & Output
AA4C	4 inputs & 4 outputs
AA3C	3 inputs & 3 outputs
AA2C	2 inputs & 2 outputs

Specifications	
Power Supply	12/24V DC
Accuracy	0.15%
Excitation For Load Cell	5V DC
Applicable Rated Output	0.6~3.0 mV/V
Output Signal	Refer to ordering part No.
Working Temperature	-10...+55°C
Material of Housing	Aluminum
IP Rating	IP40

Ordering part No.: Model-Output-Power supply		
Model	Output	Power supply
AA4C AA3C AA2C	A: 0-3.3V B: 0-5V C: 0-10V D: 4-20mA E: -3.3-3.3V F: -5-5V G: -10-10V H: 0-1.65-3.3V I: 0-2.5-5V J: 0-5-10V K: 4-12-20mA	12V 24V
Example: AA3C-F-24V means: Model: AA3C (3 inputs & 3 outputs) Power: 24V DC Output: -5-5V		
Consult us for other configurations		

Output A~D is for unidirectional use,
output E~K is for bi-directional use.

• LCS reserves the right to modify its design and specifications without notice

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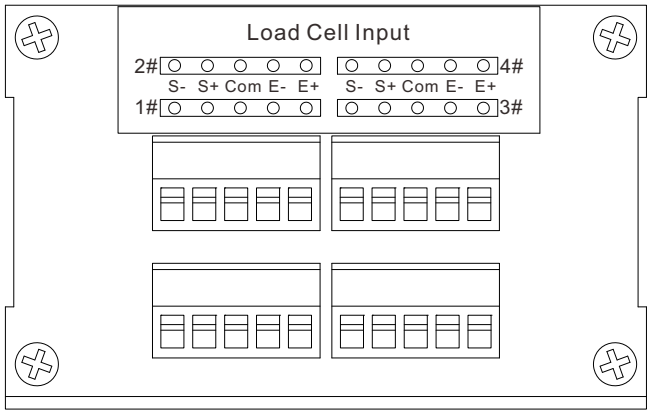
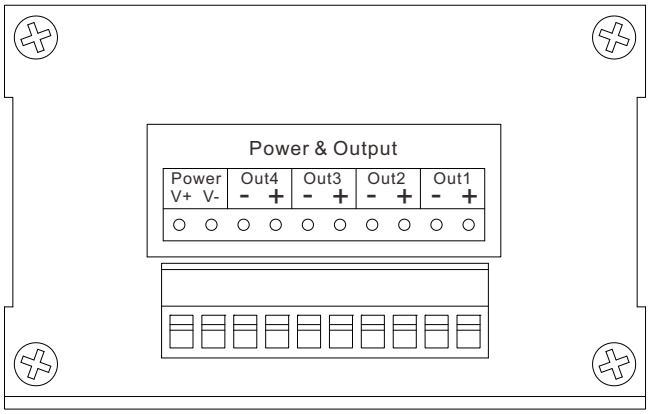
Wiring instruction of AA4C
(Same for AA2C and AA3C)

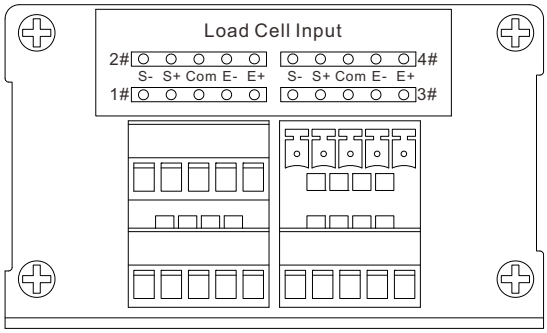




1# terminal connects with 1# sensor			
2# terminal connects with 2# sensor			
3# terminal connects with 3# sensor			
4# terminal connects with 4# sensor			
E+	EXC+	E-	EXC-
S+	SIG+	S-	SIG-
Com		Shield	

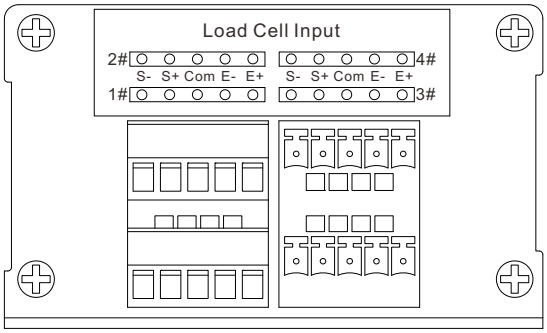
Power			
V+	Power+	V-	Power-
Out1 @ Output of 1# sensor			
Out2 @ Output of 2# sensor			
Out3 @ Output of 3# sensor			
Out4 @ Output of 4# sensor			
+	Output+	-	Output-

Side view of AA3C



4# terminal is empty

Side view of AA2C



3# & 4# terminal is empty

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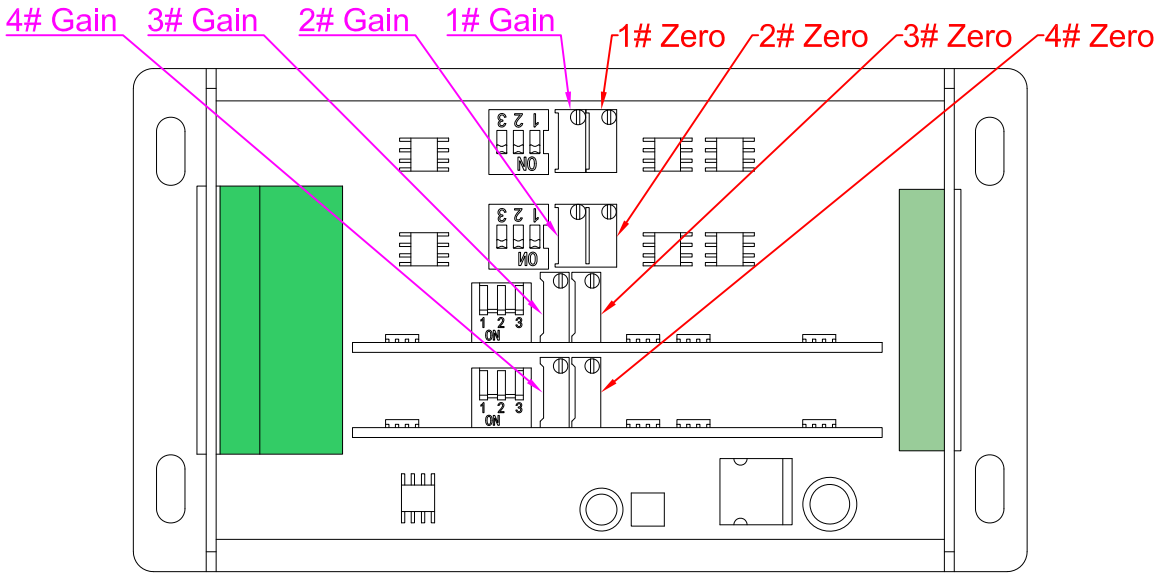
Calibration instruction of AA4C
(Same for AA2C/AA3C)

Before operation,customer needs to prepare:
1-Power supply for AA4C
2-Cables for power input and signal output
3-Multimeter to measure the output signal from AA4C
4-Reference load and necessary tools for calibration
5-Screw drivers to open the cover plate of AA4C and adjust the potentiometers during calibration

1-Wiring(Refer to P-2/3)

2-Open the top cover plate of AA4C,you'll see the following view:



3-Calibration of 1# sensor

3.1-Measuring the output signal from Out1 of AA4C using a multimeter.
3.2-Applying 0 load to 1# sensor,adjust potentiometer "**1# Zero**" to get desired output.
3.3-Applying reference load to 1# sensor,adjust potentiometer "**1# Gain**" to get desired output.
3.4-Repeat step 3.2 and 3.3 for 2-3 times to get better result.

4-Calibration of 2# sensor

4.1-Measuring the output signal from Out2 of AA4C using a multimeter.
4.2-Applying 0 load to 2# sensor,adjust potentiometer "**2# Zero**" to get desired output.
4.3-Applying reference load to 2# sensor,adjust potentiometer "**2# Gain**" to get desired output.
4.4-Repeat step 4.2 and 4.3 for 2-3 times to get better result.

5-Calibration of 3# sensor

5.1-Measuring the output signal from Out3 of AA4C using a multimeter.
5.2-Applying 0 load to 3# sensor,adjust potentiometer "**3# Zero**" to get desired output.
5.3-Applying reference load to 3# sensor,adjust potentiometer "**3# Gain**" to get desired output.
5.4-Repeat step 5.2 and 5.3 for 2-3 times to get better result.

6-Calibration of 4# sensor

6.1-Measuring the output signal from Out4 of AA4C using a multimeter.
6.2-Applying 0 load to 4# sensor,adjust potentiometer "**4# Zero**" to get desired output.
6.3-Applying reference load to 4# sensor,adjust potentiometer "**4# Gain**" to get desired output.
6.4-Repeat step 6.2 and 6.3 for 2-3 times to get better result.

7-Install the top cover plate of AA4C

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