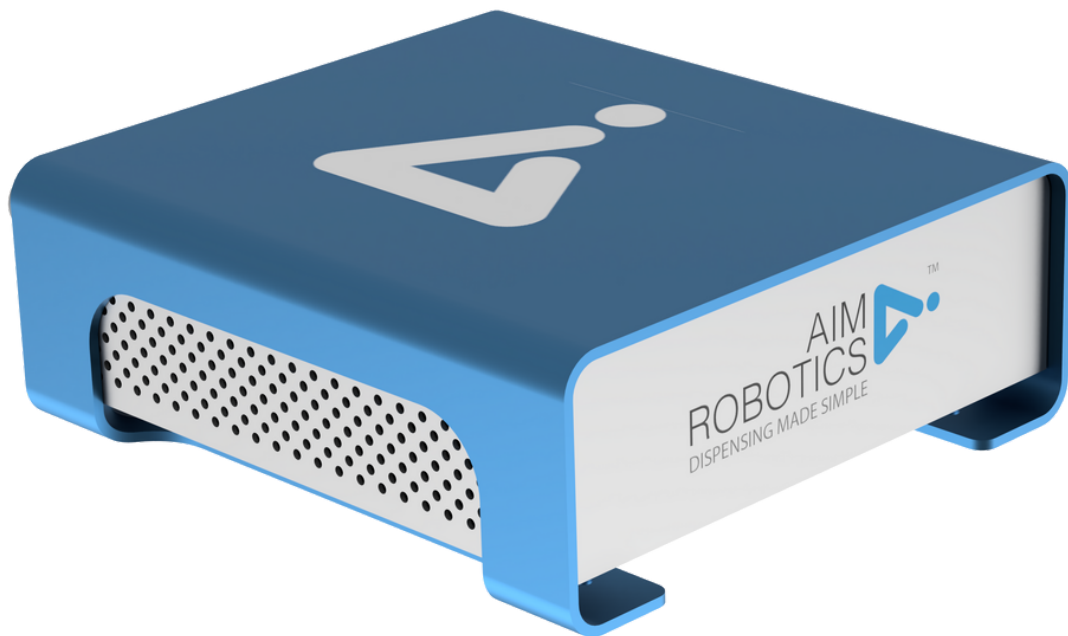


AIM  
ROBOTICS  <sup>TM</sup>  
DISPENSING MADE SIMPLE

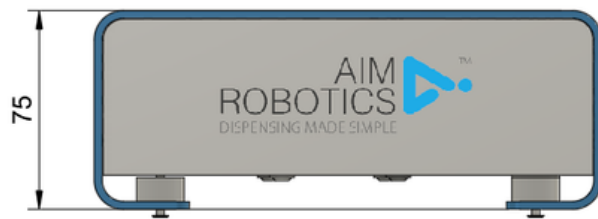
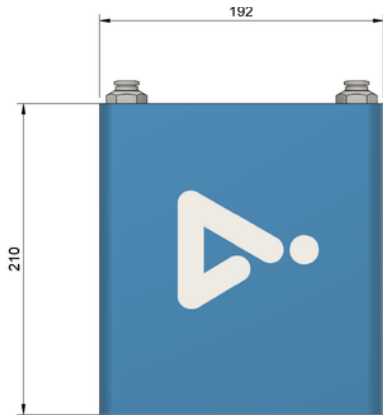


# AIRBOX DISPENSING CONTROLLER

Electronically controlled / Single M12-8pin cable / Plug&Dispense

## AirBox

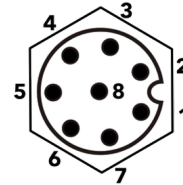
- Full control via robot
- Over & Under Pressure Monitor
- Intuitive URCap



### Connection Diagram

1	White	Set Pressure I/O
2	Brown	+24VDC
3	Green	Vacuum Switch I/O
4	Yellow	Inlet Pressure Sensor
5	Grey	Outlet Pressure Sensor
6	Pink	N/C
7	Blue	GND
8	Red	N/C

### M12 8-pin pinout



### Technical Data at 24V DC and 20 °C

Dimensions	220 x 75 x 192 mm <b>8,65 x 2,95 x 7,55 inch</b>
Supply Voltage	24 V DC $\pm 10\%$ Ripple P-P 10 % or less
Current Consumption	Up to 1A
Air Input	Clean, dry air up to 8 bar <b>120 psi</b>
Air Output	<b>0.1-7.0 bar 1.5-100 psi</b>
Short Circuit Protection	Incorporated
Response time	100 ms or less
Pressure Set Linearity	+/- 1% F.S. or less
Hysteresis	0.5% F.S or less
Operating temperature	-10 to +55 °C <b>14 to +131 °F</b> (No dew condensation or icing)
IP Class	IP65 (IEC)
Housing Material	Aluminum 6061
Weight	1800g <b>4.0lbs</b>

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