




PROTRONIX PRO SUM-08 Adder for Air Quality Sensors User Manual

[Home](#) » [PROTRONIX](#) » PROTRONIX PRO SUM-08 Adder for Air Quality Sensors User Manual 

PROTRONIX
SENSE & EASY

User manual

PRO SUM-08 | Adder for air quality sensors



Adder is designed to merge outputs of up to 8 sensors with 0-10 VDC analog output. At the adder output, there will be always the value of the most exciting sensor.

- 8 inputs of a 0-10VDC standard
- low output distortion
- easy connection
- easy wall mounting

Contents

- [1 Description](#)
- [2 Disassembly](#)
- [3 Terminals](#)
- [4 Technical data](#)
- [5 Documents / Resources](#)
- [6 Related Posts](#)

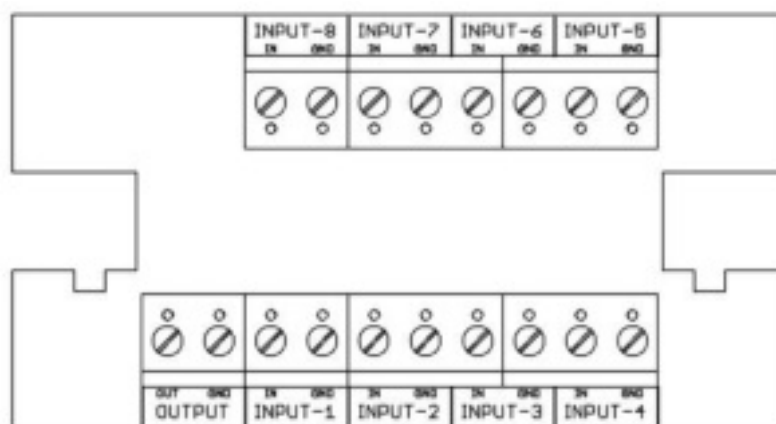
Description

SUM-08 simplifies monitoring of air quality or ventilation control when more sensors are used. Up8 sensors can be connected to SUM-08 inputs and output will always have the value of the highest output connected.

Disassembly

Unscrew two screws on top to remove top cover from the bottom with electronics.
After connecting to the terminals install the top cover and screw in the screws.

Terminals



OUTPUT: 0-10VDC adder output

INPUT 1-8: sensor inputs

Technical data

Parameter	Value
Inputs	8 x 0 – 10 VDC
Output	1 x 0 – 10 VDC
Output impedance	680 kΩ
Output distortion	1mA – 0,2 V
	10mA – 0,6 V
Working temperature	0 to +40 °C
Working humidity	0 to 90 % RH
Storage temperature	-20 to +60 °C
Expected lifetime	min. 10 years
Dimensions	80x80x28 mm

Way to use

The product is intended for indoor use only.

End of product life

Discard the product in according to the electronic waste law and the EU directives.

The producer reserves the right of technical changes in order to produce improvements its properties and functions without previous notice.


Protronix s.r.o., Pardubická 177, Chrudim 537 01, Czech Republic

www.protronix.cz/en/ www.careforair.eu/en/

um-PRO SUM-08-en-V1-201106



Documents / Resources

	<p>PROTRONIX PRO SUM-08 Adder for Air Quality Sensors [pdf] User Manual PRO SUM-08, Adder for Air Quality Sensors</p>
---	---