



8-Channel Analog Input Simulator (SFE-AIS-08R)



Spectro-Flux Analog Input Simulator is a device designed for the functional testing and simulation of 4~20mA Analog Inputs of a Digital Control System such as a PLC or DCS. The Simulator Model SFE-AIS-08R has been provided with 8 No.s of precision-potentiometers by which one could simultaneously vary the current output of 8 Channels from 0 to 20mA. This device

could be kept on tabletop, mounted on a 19" industrial rack or stacked along with similar Spectro-Flux simulators to form a combo-unit of your choice.

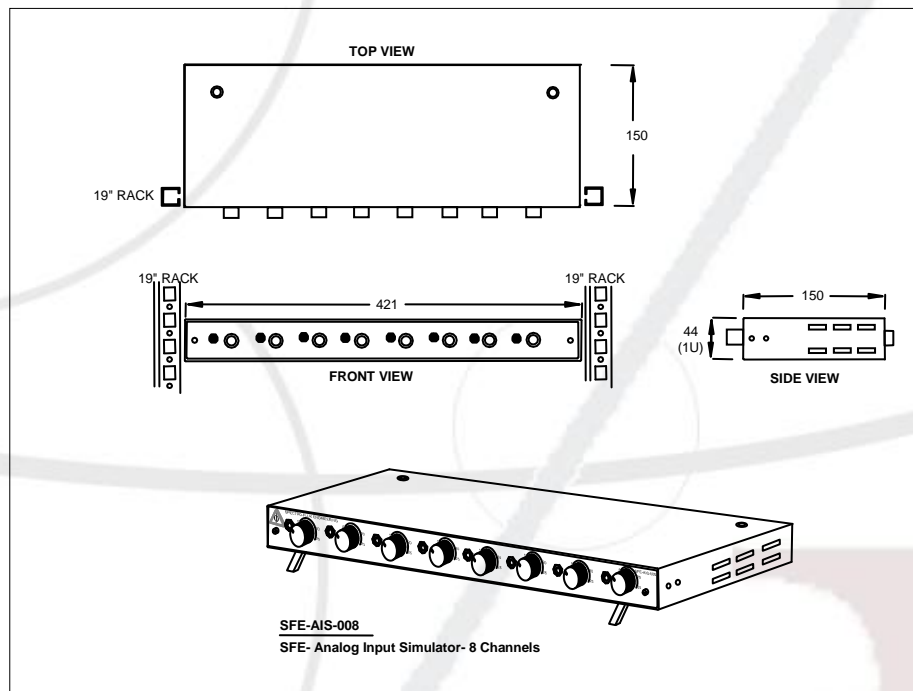
The simulator box has a DB25 female connector (*J1*) on the back side for connecting a multi-core cable coming from the analog input card. 20-Core, 10-Metre pre-fabricated cables are supplied along with the equipment as optional accessories. The cable has DB25-Male connector on one end for mating with the simulator box. The other end has been stripped-off and provided with cable lugs which could be connected to the standard screw-type terminal blocks of an I/O card. Tag Number Identification Labels could be pasted on a transparent plastic sheet attached in front of the simulator box. Every Channel has an adjacent female jack (Headphone style) which can be used for connecting a multi-meter in series.

Model SFE-AIS-08R has a built-in 24VDC SMPS to power the channels externally. It has been provided with a relay switching mechanism to select a self-powered or externally powered modes. If a self-powered circuit is sensed, the simulator will automatically cut-off the built-in SMPS power to that channel.

- Industrial Quality ✦
- PCB Based Design ✦
- Ease of Maintenance ✦
- Stackable ✦
- Desktop Mountable ✦
- 19" Rack Mountable ✦



Accessories shown in the photograph may not be part of the original equipment.



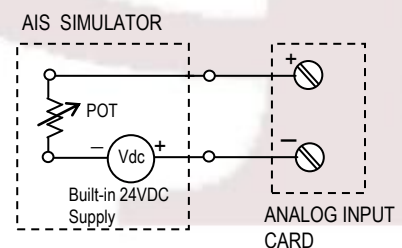
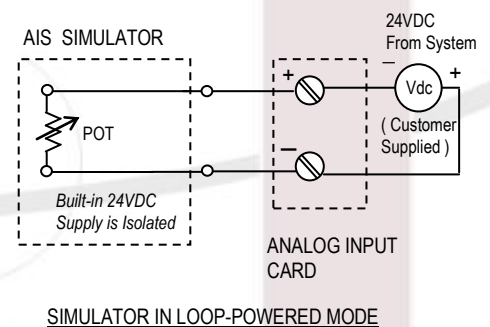
Dimensions in MM

Specifications :

Body : 1.2MM, CRCA, Powder Coated.
 Overall Size : 445MM X 480MM X 95MM
 Color : Silver Ash Grey, HN35M (varies between models)
 Weight : Around 3Kg
 Operating Voltage : 24VDC
 Operating Range : 0~25mA (Adjustable)
 Accuracy : $\pm 2\%$
 Output connections
 : DB25 Female : 1 No.
 : 220VAC/24VDC power connectors
 Mounting : Table top or 19" Rack mountable
 Environmental : Class G1 (Mild). For internal use only.

Optional Accessories :

Brackets for stacking
 Brackets for 19" rack mounting
 10M, 20Core Test Cable
 19" Pedestal on wheels





For Trade Enquiries, please contact :

Spectro-Flux Engineering Pte. Ltd.

#51, Unity Centre, Bukit Batok Crescent, #06-26, Singapore 658077

Phone (65) 6316 4841 Fax (65) 6316 4842

Mobile: (65)9855 9917 / 9855 9937 / 9061 9631

NOTE

THIS EQUIPMENT IS NOT
INTENDED TO BE USED
AS A 4~20mA SOURCE FOR
CALIBRATION

Spectro-Flux Engineering Technologies Pvt. Ltd.

#24, Doddakallasandra, Uttarahalli Hobli, Kanakapura Road,
Bangalore-560 062 INDIA

Regd. Office :

#84, 2nd Main, 3rd Cross, Ganganagar Layout, Bangalore-560 032 INDIA

Tel: (91) 80 2256 0841, Fax: (91) 80 2256 0842

Mobile: (91) 99452 75322 / 9980047018 / 93421 13231 / 98453 47737

e-mail: mail@spectro-flux.com <http://www.spectro-flux.com>