



Product Specification Sheet

Analog Input Simulator (SFE-AIS-064)

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-064 has been designed to simultaneously vary the output current in 64 channels from 0 to 20mA using 64 precision-potentiometers. The device could be kept on tabletop or mounted on a 19" industrial rack.



The simulator box has 8No.s of DB25 Female connectors (J1 to J8) on the back side for accepting multi-core cables from the analog input cards of the control system. 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 is provided with cable lugs for connecting to the terminal block of I/O card. Identification labels are also attached to mark Tag Numbers for individual potentiometers for a particular project . The default factory setting of the circuit is meant for self-powered loops. The Simulator will also accept an external 24VDC power supply . A jumper setting on every channel will decide which channel is in self-powered or externally powered mode . An on-board LCD Milli-Ampere indicator could be connected to any channel using a specially designed probe to set the desired current output.



PCB Based Design ★ Easy maintenance ★ Desktop or 19" Rack Mountable

