

SC-DAD DEVICE INFO

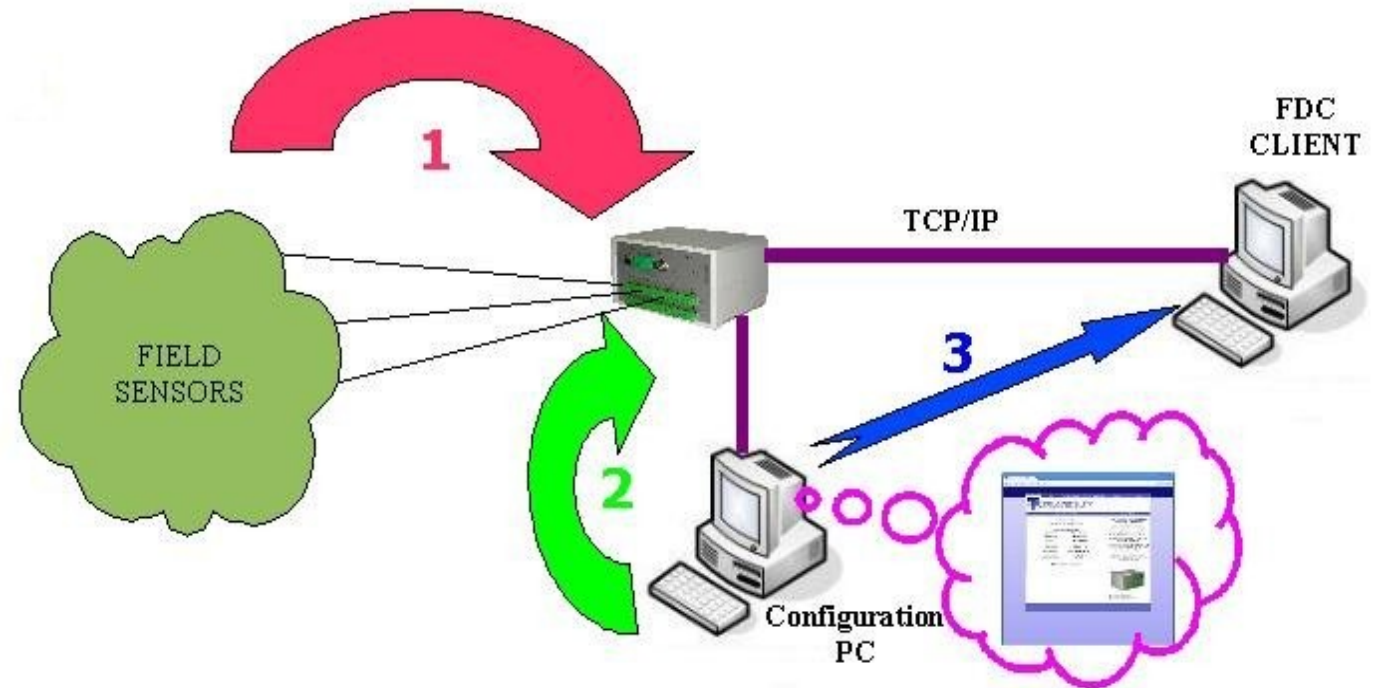
The Sensor Connectivity DAD is a compact data acquisition device designed to be extremely easy and fast to use. It provides from 8 to 16 configurable analog/digital inputs, from 2 to 6 configurable RS232/485 serial ports, 2 USB 1.1 ports and much more.



Configuration and running in just 3 steps

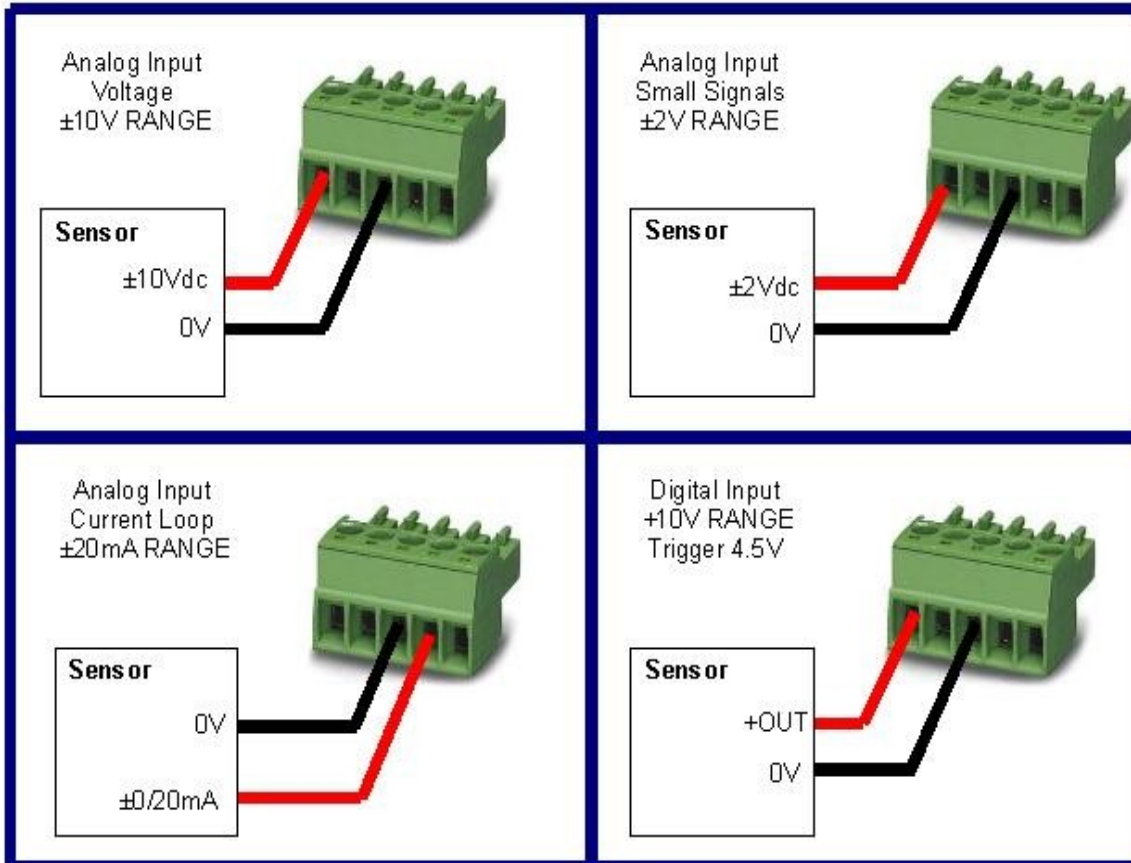
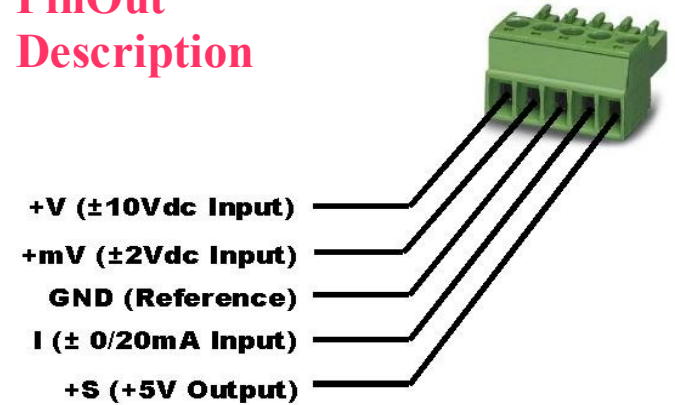
The SC-DAD configuration requires just 3 steps:

- 1) Sensor Wiring
- 2) Input configuration
- 3) ".SIC" files generation



Sensor Wiring (connect each input as this schema)

**PinOut
Description**



Input Configuration

From the "input configuration" tab on the device web interface, define the "label" and the "measure type" for each desired input, as showed on the picture beside.

To apply the new configuration click "save" button.

Sensor Connectivity - DAD
Device configuration and management.

Input configuration

Bay A - code 66

Channel	Label	Measurement type	Calibration (Real Values)
CH1	Bay A - Ch 1	±10 Volt (Unit mV)	0 Calibrate
CH2	Bay A - Ch 2	Disabled	0 Calibrate
CH3	Bay A - Ch 3	±10 Volt (Unit mV)	0 Calibrate
CH4	Bay A - Ch 4	±2 Volt (Unit mV)	0 Calibrate
CH5	Bay A - Ch 5	0-20 mA (Unit mA * 100)	0 Calibrate
CH6	Bay A - Ch 6	Digital Inputs (Boolean)	0 Calibrate
CH7	Bay A - Ch 7	±10 Volt (Unit mV)	0 Calibrate
CH8	Bay A - Ch 8	±10 Volt (Unit mV)	0 Calibrate

Bay B - code 68

Channel	Label	Measurement type	Calibration (Real Values)
CH1	Bay B - Ch 1	±10 Volt (Unit mV)	0 Calibrate
CH2	Bay B - Ch 2	±10 Volt (Unit mV)	0 Calibrate
CH3	Bay B - Ch 3	±10 Volt (Unit mV)	0 Calibrate
CH4	Bay B - Ch 4	±10 Volt (Unit mV)	0 Calibrate
CH5	Bay B - Ch 5	±10 Volt (Unit mV)	0 Calibrate
CH6	Bay B - Ch 6	±10 Volt (Unit mV)	0 Calibrate
CH7	Bay B - Ch 7	±10 Volt (Unit mV)	0 Calibrate
CH8	Bay B - Ch 8	±10 Volt (Unit mV)	0 Calibrate

Save

Generate ".SIC" files

.SIC files are XML based files with the Modbus mapping configuration for the fast Modbus client configuration.

From the "Tools" tab on the web interface,
Click on the "Generate" button

A download page with two download links will appear.

Use those files with a compatible Modbus compatible client on TCP/IP.
Then you are ready to perform the data collection!

