

SCI Sensor Communication Interface



The Sensor Communication Interface is designed to easily access the settings of Michell Relative Humidity transmitters. Using a USB connection means that there is no need for an external power supply. The SCI features an on-board AD-converter which enables checking the analog output of almost any RH-transmitter. When connecting a Humidity probe with a μ -Processor, the changing of many settings, as well as the re-calibration of a relative humidity device, will become an easy job. Together with the interface software the SCI is a very powerful tool.

Highlights

- USB digital interface, no additional power is required
- Offers easy re-calibration
- Diagnostics and logging
- Read-out of digital and analog signal
- User selectable in/output ranges
- 4- and 5-wire probe compatible



Technical Specifications

Hardware	
Interface port	USB
Power supply	USB powered
Compatibility	Measures analog output of almost any 4 and 5 wire instruments and/or Re-calibration of RH devices: PCMini52, PC62 & SF52
Input ranges	Analog and digital probes Volt outputs: 0 to 10 V (3-wire) mA outputs: 0-20 mA and 4-20 mA
Converter	24 bits ADC for monitoring transmitter output signals
Software	
Type	Labview® based software
Functions	<ul style="list-style-type: none"> • Diagnosis on functionality • Calibration parameters analysis • User selectable in and output ranges • Read-out of internal measured values • Read-out of analog output signals probe • Selecting different output dimensions • Re-calibrating RH and temperature inputs • Logging of measured values to disk

Order Codes

Description	Code
SCI, sensor communication interface kit. Includes: Carrying Case SCI Unit plus software on CD-Rom USB and Instrument Cable (see options below)	SCI-DIG-SET

Accessories and spare parts

Cable SCI - M-12	A000310
Cable SCI - M-8	A000311
Cable SCI USB	A000312
Cable SCI - Header 4P	A000313
Cable SCI - 4 wire Cable	A000314

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Ref: SCI_97203_V1_UK_1009