# SCU Series Universal Signal Conditioner Accessories

## Programming/Display Module SCU-PDM2

**Application:**

- The AutomationDirect SCU-PDM2 module easily connects to the front of the Universal Signal Conditioners and is used as a display and to enter or adjust the programming of the module.
- Can be moved from one module to another and download the configuration of the first transmitter to subsequent transmitters.
- Fixed display for visualization of process data and status.
- Required for programming all SCU Series Universal Signal Conditioner models.
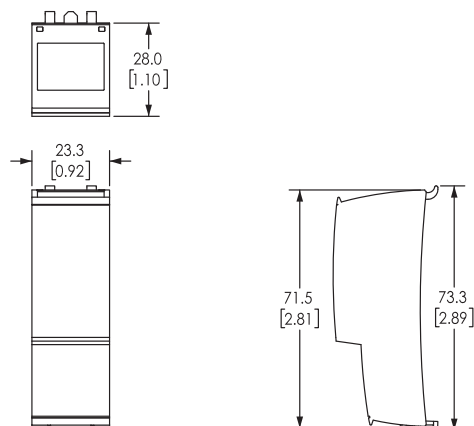
***Technical characteristics:***

- LCD display with 4 lines; Line 1 (H = 5mm, 0.20 in) shows input signal, line 2 (H = 3.5 mm, 0.14 in) shows units, line 3 (H = 3.5 mm, 0.14 in) shows analog output or user defined text and line 4 shows communication and relay status.
- Programming access can be blocked by assigning a password. The password is saved in the transmitter in order to ensure against unauthorized modifications to the configuration.
- Not capable of standalone or remote operation.
- For Use With: SCU-3100, SCU-1400, SCU-1600, SCU-8400, SCU-7900, SCU-2200, SCU-2501, SCU-2502, SCU-2503

***Mounting/Installation:***

- Snap SCU-PDM2 onto the front of the universal signal conditioners.
- Can be installed or removed whether the signal conditioner is powered or not.

## Selectable Engineering Units

| | | | | | |
|---|---|---|---|---|---|
| ºC | hp | kW | mA | pH | MHz |
| ºF | hPa | kWh | mbar | rpm | p/m |
| % | Hz | l | mils | s | p/h |
| A | in | l/h | min | S | p/d |
| bar | in/h | l/min | mm | t | |
| cm | in/min | l/s | mm/s | t/h | |
| ft | in/s | m | mol | uA | |
| ft/h | ips | m/h | MPa | um | |
| ft/min | K | m/min | mV | uS | |
| ft/s | kA | m/s | MW | V | |
| g | kg | m/s2 | MWh | W | |
| gal/h | kJ | m3 | N | Wh | |
| gal/min | kPa | m3/h | Ohm | yd | |
| GW | kV | m3/min | Pa | KHz | |

28.0 [1.10]

23.3 [0.92]

71.5 [2.81]   73.3 [2.89]

*See our website www.AutomationDirect.com for complete Engineering drawings.*

## External Cold Junction Compensation Connector

***Installation:***

- Remove terminal block included with SCU-1400, SCU-1600 or SCU-3100 signal conditioner and replace with SCU-CJC1.

Part No. SCU-CJC1

| SCU Series Signal Conditioner Accessories | | | |
|---|---|---|---|
| **Part No.** | **Description** | **Weight (lb)** | **Price** |
| SCU-PDM2 | ProSense detachable programming/display module, for use with SCU series signal conditioners. | 1 0.04 | $65.00 |
| SCU-CJC1 | ProSense external cold junction compensation (CJC) connector, for use with SCU-3100, SCU-1400, SCU-1600 signal conditioners. | 1 0.02 | $20.00 |

**Signal Conditioners**