

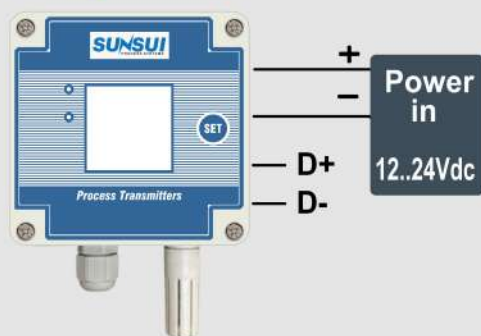
SUNSENSE-DVX

RS-485 MODBUS RTU transmitter

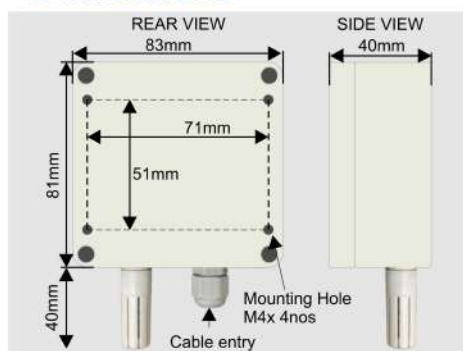
The Digital transmitter, is a smart device to monitor many physical parameters. Multiple model options are shown below which allow variety of built-in sensors or provision for external analog inputs. The device is compact in size and easy to install. The data is sent over RS-485 2 wire Port with MODBUS protocol. The device acts as slave and responds to Master unit over RS-485 port.



Wiring



Dimensions



Features

- Real-Time data transmitted
- High accuracy, nicer stability
- Options for sensors / ext. input
- Calibration facility
- Compact size and easy to install

Specifications

MODEL NUMBER	SUNSENSE-DVX-TI	SUNSENSE-DDVX-TI	SUNSENSE-DVX-THI	SUNSENSE-DDVX-THI
Measure. Channel	1Ch	1Ch	2Ch	2Ch
Sensor	Internal Digital	Internal Digital	Internal Digital	Internal Digital
Measure. Range	-20 to 60°C	-20 to 60°C	0 to 60°C; 0-100%Rh	0 to 60°C; 0-100%Rh
Measure. Accuracy (at 25°C,50%RH)	±0.3°C	±0.3°C	±0.2°C & ±2%Rh	±0.2°C & ±2%Rh
Display Resolution	NO DISPLAY	LCD (1Ch); 0.01	NO DISPLAY	LCD (2 Ch); 0.01
Measure. Interval	5s	5s	5s	5s
Warm-up (Stable 15min) Response	< 2min < 10s	< 2min < 10s	< 2min < 10s	< 2min < 10s
Output type	RS-485 2W MODBUS RTU			
Power	External powered 12-24Vdc 4Wire (+V,G,D+,D-)			
Size and material	Size : 83mm x 81mm x 40 mm (H X W X D) Housing : wall mount ventilated ABS Enclosure			
Operating Environment	Temperature : -20 C to +60 C ; Humidity : 0-100% RH			