



## Humidity and temperature sensor/transmitter for Wall Mounting without display SE-MW series

### Product Features:

Full range temperature compensated! The best quality and good price!

Selectech capacitive humidity element based humidity & temperature transmitters are ideal solution for detecting relative humidity and temperature in applications such as HVAC in residential & commercial buildings.

The capacitance element based transmitter is one of the most stable transmitters available and no recalibration required, transmitters are temperature compensated and calibrated.

Selectech transmitters are problem-free and accurate with long-term reliability by apply unique HydroProbe® digital technology, our transmitters are developed for high-precision measurement of relative humidity & temperature and transmitters are available for wall & duct & outdoor mounting. All Selectech transmitters can be equipped with industrial-class LED display, LED shows both humidity and temperature.

### Specs&Description:

|                             |   |
|-----------------------------|---|
| Power supply                | 12-36V DC   |
| Humidity working range      | 0..100%RH   |
| Humidity sensing element    | Polymer humidity capacitor  |
| Signal output for humidity  | 0~5V DC or 0~10V DC or 4-20mA or RS485 signal   |
| Accuracy of humidity        | +2%RH(10-95%RH, 25Celsius); <+-5%RH(-40..80Celsius)   |
| Repeatability               | +0.3%RH   |
| Hysteresis                  | +0.3%RH   |
| Sensitivity for humidity    | 0.1%RH  |
| Drift rate per year         | +0.5%RH   |
| Temperature sensor          | DS18B20   |
| Accuracy for temperature    | +0.3Celsius(at 25Celsius)   |
| Output for temperature      | 0~5V DC or 0~10V DC or 4-20mA or RS485 signal   |
| Measuring temperature range | Customer can select measuring temperature range by dialing switches on PCB board: 0~50Celsius, -20~80Celsius, -40~60Celsius |
| Storage temperature range   | -40..80Celsius  |
| Case                        | ABS   |
| Electrical connection       | Screw connector Max1.5mm <sup>2</sup>   |

### Product Pictures:



### **Ordering guide:**

SE-MW3005, output 0~5V DC for humidity & temperature both, without LCD display

SE-MW3105LCD, output 0~5V DC for humidity & temperature both, with LCD display

SE-MW3010, output 0~10V DC for humidity & temperature both, without LCD display

SE-MW3110LCD, output 0~10V DC for humidity & temperature both, with LCD display

SE-MW3020, output 4~20mA for humidity & temperature both, without LCD display

SE-MW3120LCD, output 4~20mA for humidity & temperature both, with LCD display

SE-MW3485, RS485 signal for humidity & temperature both, without LCD display

SE-MW3485LCD, RS485 signal for humidity & temperature both, with LCD display

**Approval Certification:**



## Why Choose US :

- 1.Established in 2005, about 10 years of history;
- 2.Owns main factories, supply diversification products and One stop service service
- 3.Certificates of ISO9001, UL, CE, SGS,EMC,CQC,Reach,etc
- 4.Six years Gold member in Alibaba, Aliexpress etc
- 5.Production capability more than 100 thousands pcs/ month;
- 6.Monthly export more than 50 times delivery;
- 7.Exported to more than 20 countries and regions;
- 8.We provide an excellent combination between prices, quality & respond,delivery,after-sales!



send us inquiry



receive our quotation



negotiate details



mass production



sign contract / deposit



confirm the sample



cargo ready



balance / delivery



further cooperation