

Introduction

HE400 and HE200 are temperature, relative humidity transmitters, adopt import components and high-performance low-power SCM design, which assure the quality and stability. HE400 series and HE200 series support two kinds of output, voltage, current, RS485 or standard Modbus protocol. They have unique design features to ensure no circuit interface of themselves. They are wall-mounted and enjoy widely measuring range and high accuracy, suitable for DC 9V-30V. HE400 series has LCD display, HE200 series has no LCD display. Besides, both of them have internal and external probe. Customers can have many choices according to their demands.

HE200



HE400



Features:

- Adopt import components and high-performance low-power SCM design.
- Professional industrial design, avoid the test influence caused by circuit heating.
- Enjoy various outputs, 4-20ma/0-5V/0-10V/RS485/Modbus output.
- Enjoy patent technique, very easy to install and maintain.
- Enjoy high accuracy, economical and practical.



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HE200



HE400



Model List

Model	HE200A	HE200A-EX	HE200V5	HE200V5-EX	HE200V10	HE200V10-EX
	HE400A	HE400A-EX	HE400V5	HE400V5-EX	HE400V10	HE400V10-EX
Temperature accuracy	±0. 5℃	±0. 5℃	±0. 5℃	±0. 5℃	±0. 5℃	±0. 5℃
Humidity accuracy	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH
Sensor type	Internal	External 3 m wire	Internal	External 3 m wire	Internal	External 3 m wire
Measuring range	0 ~ 50℃	-30~70℃	0 ~ 50℃	-30~70℃	0 ~ 50℃	-30~70℃
Output	4 ~ 20mA	4 ~ 20mA	0 ~ 5V	0 ~ 5V	0 ~ 10V	0 ~10V
Wire mode	3 lead terminals		4 lead terminals			
Measuring range	0 ~ 100%RH					

Model List

Model	HE200M	HE200M-EX	HE200N	HE200N-EX
	HE400M	HE400M-EX	HE400N	HE400N-EX
Temperature accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Humidity accuracy	±3%RH	±3%RH	±3%RH	±3%RH
Sensor type	Internal	External 3 m wire	Internal	External 3 m wire
Measuring range	0~50°C	-30~70°C	0~50°C	-30~70°C
Output	Modbus	Modbus	RS485	RS485
Wire mode	4 lead terminals			
Measuring range	0~100%RH			

Resolution	Temperature: 0.1 °C / Humidity: 0.1 %RH
Power supply	9V~30V DC
Product dimension	100×100×30mm (3.94 × 3.94 × 1.18 inch)
LCD size	60×40mm (2.36 × 1.57 inch)
Weight	200g
Accessories	User manual and carrying box. External sensor cable 3 m

Applications

HE400 series and HE200 series are designed for temperature and humidity control in conditioning and ventilation application in the following sectors: pharmacy, museums, clean rooms, ventilation ducts, industrial and civil sectors, crowded places, canteens, auditoria, gyms, high-density farms, greenhouse, etc.