

## F2000TSM-TH SERIES

Temperature & Humidity Transmitter

CE-Approval



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### □ Features

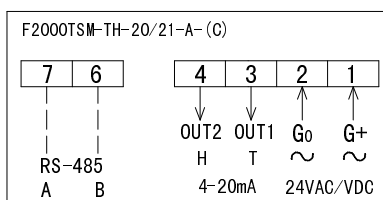
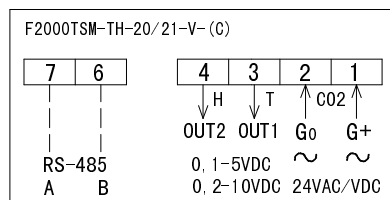
- ◆ Designed for transmit relative humidity measurement and temperature measurement.
- ◆ Wall mounting
- ◆ Provide 1x0~10VDC/0~5VDC/4~20mA humidity output, as well as a field range able 0~10VDC/0~5VDC/4~20mA temperature output.
- ◆ Humidity output is automatically corrected over the full range of operating conditions
- ◆ Arbitrary point setup of temperature and humidity measurement modification
- ◆ RS485 communication is optional

### □ Specifications

	Temperature	Humidity
Sensing element:	NTC	Capacitive sensor
Measuring range	-20~60°C (default) 0~60°C selectable	0 -100%RH
Accuracy	±0.5°C (25°C, 40%-60%RH)	±3%RH (25°C, 40%-60%RH)
Stability	/	1%RH per year
Storage environment	-40-60°C	
Connection	Screw terminals, non-polar,	
Set measurement zone	The zero and the end can be set via RS485	
Housing	PC/ABS fireproof material	
Output	2X0,1~5V/0,2~10V selectable by users via a jumper or 2X 4~20mA optional	
Power supply	24V DC or 24V AC ±20%	
Power cost	≤2W	
Resistance permitted	≤500Ω	

Note: It's delivered pre-calibrated to a specific temperature range. If a different range is desired, the temperature output can be re-ranged. Users can set again through RS485 for the models with RS485 interface, or order them in advance for other ranges.

### □ Wiring Diagrams



□ **Model Information**

Model	Description
<b>F2000TSM-TH-M100-V/A</b>	1X analog output for temperature.
<b>F2000TSM-TH-M101-V/A</b>	1X analog output for temperature, RS485 interface.
<b>F2000TSM-TH-M200-V/A</b>	2X analog outputs for temperature and humidity.
<b>F2000TSM-TH-M201-V/A</b>	2X analog outputs for temperature and humidity, RS485 interface.

□ **Mounting**

