

HPP805A031 ✓ ACTIVE

MEAS | MEAS HM

TE Internal #: HPP805A031

TE Internal Description: HM1500LF HUMIDITY MODULE

Relative Humidity Transducer

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Sensors > Humidity Sensors > Humidity Sensor Assemblies > Relative Humidity Transducer



Humidity Sensor Assembly Product Type: **RH Module**

Supply Voltage (Peak): **5.5 VDC**

Operating Temperature Range: **-40 – 60 °C [-40 – 140 °F]**

Humidity Measuring Range: **0 – 100 %RH**

Humidity Sensor Assembly Accuracy: **±3 %RH**

[All Relative Humidity Transducer \(1\)](#)

Features

Product Type Features

Humidity Sensor Assembly Product Type	RH Module
Humidity Sensor Assembly Sensor Type	Analog

Electrical Characteristics

Supply Voltage (Peak)	5.5 VDC
Current Consumption	1.4 mA
Output Impedance	70 Ω

Usage Conditions

Operating Temperature Range	-40 – 60 °C [-40 – 140 °F]
Humidity Measuring Range	0 – 100 %RH
Humidity Sensor Assembly Accuracy	±3 %RH
Temperature Coefficient	-.05 %RH/°C
Sensitivity	26 mV/%RH

Other

Response Time	10 seconds
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

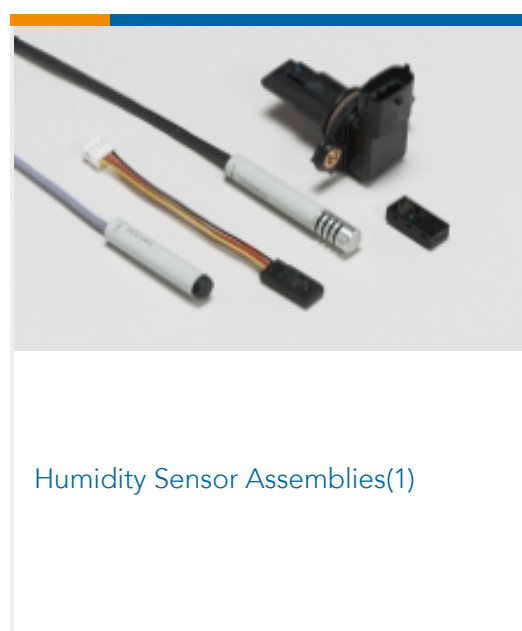
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Also in the Series | MEAS HM



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_HPP805A031_C1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HPP805A031_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HPP805A031_C1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[HM1500LF](#)

English

