



Sensors > Humidity Sensors > Digital RH Temperature Pressure Sensor



Operating Temperature Range: **-40 – 105 °C [-40 – 221 °F]**

Humidity Sensor Product Type: **Automotive, RH Temperature Pressure Module**

Supply Voltage (Peak): **32 VDC**

Accuracy: **±3 %RH**

Interface Signal Type: **Digital**

[All Digital RH Temperature Pressure Sensor \(5\)](#)

Features

Product Type Features

Humidity Sensor Product Type	Automotive, RH Temperature Pressure Module
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Interface Signal Type	Digital
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Electrical Characteristics

Supply Voltage (Peak)	32 VDC
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Current Consumption	25 mA
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Signal Characteristics

Baud Rate	250 Kb/s
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Transmit Rate	100 msec
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Usage Conditions

Humidity Operating Range	0 – 100 %RH
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Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Accuracy	±3 %RH
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Operation/Application

Pressure (Max)	130 kPa
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Other



Response Time	5 seconds
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC > Threshold:</p> <p>Pb (2.2% in Component Part)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>

Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not reviewed for solder process capability
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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>

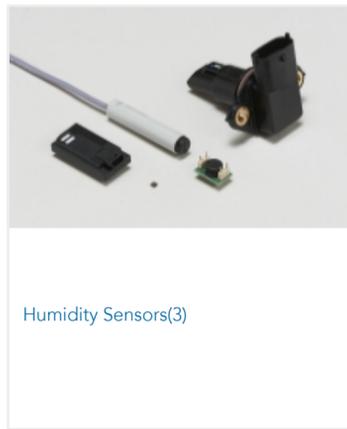
Compatible Parts



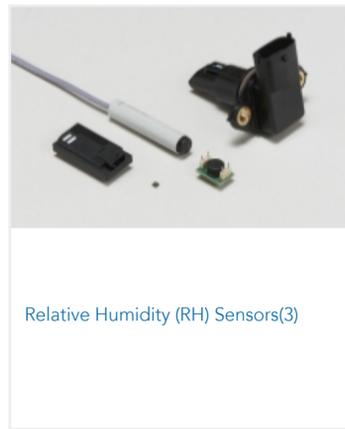
Also in the Series | **MEAS HTD**



Automotive Humidity Sensors(3)



Humidity Sensors(3)



Relative Humidity (RH) Sensors(3)

Customers Also Bought



TE Part #0460-244-16141
PIN, SOLID, SIZE 16, EXTENDED PCB, NI



TE Part #1SNK506210R0000
ZS6-D2



TE Part #10131380-00
OPS3 C4-A 12/24V



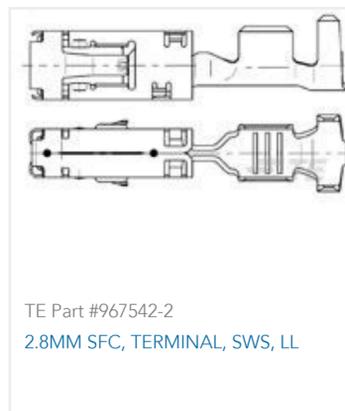
TE Part #58530-2
PROCRIMPER DIE



TE Part #7-520366-2
ULTRAFast 110 ASSY REC 26-22
TPBR LP



TE Part #770586-1
22P MINI UMNL PLUG HSG



TE Part #967542-2
2.8MM SFC, TERMINAL, SWS, LL



TE Part #2050052-1
4POS 2.8MM SENSOR PLUG ASSY.



TE Part #10142061-00
TRICAN 24V HTD2800P 2.5
B11C6_BR250



TE Part #8508903001
55A0111-22-9CK0001

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_HPP816E056_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_HPP816E056_A.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_HPP816E056_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Data sheet TRICAN HTD2800Px11C6V2](#)

English