



TOIP Pty
Ltd
Telemetry Over Internet Protocol

SDI-12 Air Temperature & Relative Humidity

The HT02 is an air temperature and relative humidity sensor with an SDI-12 interface. The sensor is suitable for use in automatic weather stations for a variety of agricultural and industrial applications. A second version, the HTP01, which includes barometric pressure measurement, is also available.

HT02 Air Temp & RH

The HT02 is a compact electronic air temperature and relative humidity sensor. It may be purchased separately or supplied complete with a radiation shield.

Parameter	Specification
Power Supply	6 to 16 V DC
Dimensions	Length 115 mm Diam 12 mm
Temperature	
Accuracy	-40 to +5 : +/- 1 °C +5 to +60 : typ +/- 0.2 °C, max +/- 0. °C +60 to +80: +/- 0.75 °C
Resolution	0.01 °C
Measuring Range	-40 to + 80 °C
Relative Humidity	
Accuracy	0 to 10 : max +/- 4% 10 to +90 : typ +/- 1.8%, max 2% 90 to +100: max +/- 4%
Resolution	0.04%



HTP02 Air Temp, RH & BP

The HTP02 records air temperature, relative humidity and barometric pressure. It shares the same form factor and SDI-12 interface as the HT02.

Parameter	Specification
Barometric Pressure	
Measuring Range	300 to 1100 hPa
Accuracy	+/- 1 hPa
Resolution	-0.03 hPa



Ordering

HT02	HT02 SDI-12 air temperature and relative humidity sensor
HTP02	HTP02 SDI-12 air temperature, relative humidity and barometric pressure sensor
SDI-TRH-SCN	SDI-12 Temp RH with radiation screen
SDI-TRHBP-SCN	SDI-12 Temp RH, BP with radiation screen

TOIP Pty Ltd

58 George St MOONTA SA 5558 AUSTRALIA

Email: sales@toip.net.au Web: <http://toip.net.au>

Phone: 08 8825 1208 Mob 04 9805 3413