

# T8 Sensors and accessories

Add-on options for T8-DLX and T8-LTE environmental data radios

## HUMIDITY

Outside air Relative Humidity and Temperature probe with solar shield - factory installed



Fully calibrated. Excellent long-term stability. Recovers from 100% saturation.

-RHT  
FACTORY INSTALLED  
(ORDER WITH T8)

### SPECIFICATIONS:

RANGE	0 to 100%RH, -40 to 120°C
RH ACCURACY	+/-2%RH over 20-80%RH range
TEMP ACCURACY	+/-0.3°C over 0-60°C range
OUTPUT	I <sup>2</sup> C for use with T8 transceiver models only

## TEMPERATURE

Stainless steel, potted immersion probe with armored cable



Stainless steel probe. Encapsulated sensor. Armored cable. Weatherproof.

T8-IMM

### SPECIFICATIONS:

THERMISTOR	10k type 3 standard - other types available
ACCURACY	+/-0.2°C
PROBE	12 inches x 1/4" diam. Customization available.
CABLE	10 feet, 2-conductor, armored cable.

## SOIL TENSION

Vaccum sensor kit for use with popular soil tensiometers



T8-VAC

Easy retrofit to popular soil tensiometer tubes. Factory calibrated. Armored cable.

### SPECIFICATIONS:

RANGE	0-100kPa vacuum
OUTPUT	1-5 vdc (12vdc power supply)
FITTING	1/4" MNPT, brass.
CABLE	10 feet, 2-conductor, armored cable.

## WIND SPEED

Pulse to analog adapter kit for use with popular rotary cup anemometers



T8-ANE

Compact, weatherproof enclosure. Simple installation. Pre-configured conversion.

### SPECIFICATIONS:

RANGE	0.45 to 60 meters/second
OUTPUT	0-5 vdc (5-12vdc power supply)
CONVERSION	Internal: M/sec = (frequency x 0.79984)+0.45
COMPATIBILITY	For use with Met One™ 014MINI cup anemometer

## FLUID LEVEL

### Pressure transducer for liquid level measurement

Rugged stainless construction. Submersible. Compatible with various liquids.



T8-LVL-[PSI]

SPECIFICATIONS:	
RANGE	Ranges available from 1 to 100 psi (2 to 230 feet)
ACCURACY	+/-0.25% BFSL
SEALING	IP68 - Submersible. 1/2" NPT conduit fitting at cable.
OUTPUT	1 to 5vdc (10 to 28vdc power)

## ANTENNAS

### Directional and Omni-directional options for improved performance



ANT-YAG-900



ANT-OMN-900

#### SPECIFICATIONS:

TYPE	Directional Yagi, 4-element
GAIN	6 dB
CONNECTION	N female with 3 ft. N to SMA adapter cable
MOUNTING	Includes U-bolt for pole mounting up to 2-1/8" pipe

#### SPECIFICATIONS:

TYPE	Omni-directional wire whip
GAIN	3 dB
CONNECTION	17 ft. coax with SMA connector
MOUNTING	NMO. Includes angle bracket for surface mounting

## MOUNTING BRACKETS

### Kits for pole installation

T8-PMK-LTE



T8-PMK-DLX



## ORDERING INFORMATION

PART #	DESCRIPTION
T8-VAC	Vacuum sensor kit for soil tensiometer
T8-IMM	Temperature sensing immersion probe w/armored cable
T8-ANE	Pulse to analog converter for cup anemometer
T8-LVL-[PSI]	Pressure transducer for liquid level measurement

PART #	DESCRIPTION
T8-PMK-LTE	Pole mounting kit for LTE model.
T8-PMK-DLX	Pole mounting kit for DLX model.
ANT-YAG-900	Directional long-range Yagi antenna kit w/mounting.
ANT-OMN-900	Omni-directional long-range whip antenna kit w/mounting.