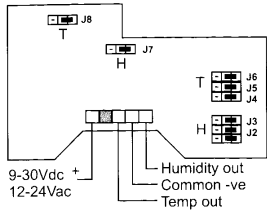


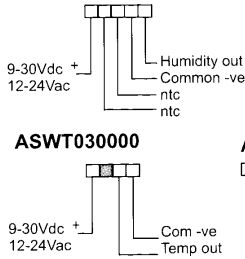
# TEMPERATURE & HUMIDITY SENSORS

## Connection Diagrams

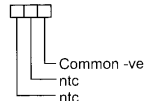
### ASWC110000



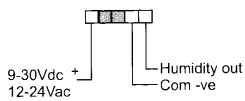
### ASWT030000



### ASWT011000

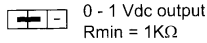
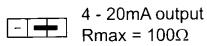


### ASWH100000



## Output Configuration

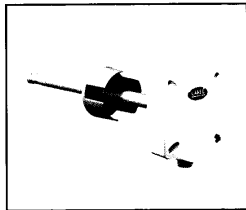
Switches J1 to J8 (where fitted)



## Standard Items

Temperature Range	Humidity Range	Part Number
NTC probe -10 - 70°C	-	ASWT011000
-	-	ASWT030000
-	10 - 90%rH	ASWH100000
NTC probe 0 - 50°C	10 - 90%rH	ASWC110000
-	10 - 90%rH	ASWC111000

## ASD Duct Mounted Temperature & Humidity Sensors



The ASD range of temperature & humidity sensors are ideal for duct mounting applications in heating and air conditioning systems. The range covers -10 to 70°C and 0 to 100% rH with an accuracy of +/- 3% at 25°C. The unit is flange mounted to the duct, has a 9 to 30Vdc / 12-24Vac input voltage, selectable 0 to 1V or 4 to 20mA output and an IP55 protection rating.

- \* Measures up to 100% rH
- \* Selectable 0-1V or 4-20mA output
- \* 9-30Vdc/12-24Vac input
- \* IP55 rating

## Specification

Supply voltage : 9 to 30Vdc +/-10%  
12 to 24Vac -10%/+15%

Temperature accuracy : 0 - 50°C : +/-1.2°  
-10 - 70°C : +/-0.7°  
10 - 90%rH : +/-6% from 0 - 50°C  
0 - 100%rH : +/-5% from 0 - 50°C

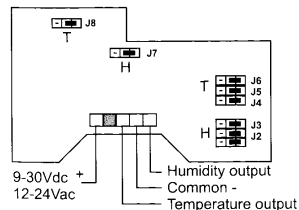
Humidity accuracy : 10mV/°C or 4-20mA  
10mV/%rH or 4-20mA

Temperature output : 10mV/°C or 4-20mA  
Humidity output : 10mV/%rH or 4-20mA

Operating temperature : -10 to 70°C, 0 to 100% rH non-condensing  
Storage temperature : -20 to 70°C, 0 to 100% rH non-condensing  
Weight: 180gms

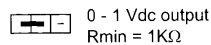
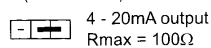
## Connection Diagram

### ASDC110000 & 230000



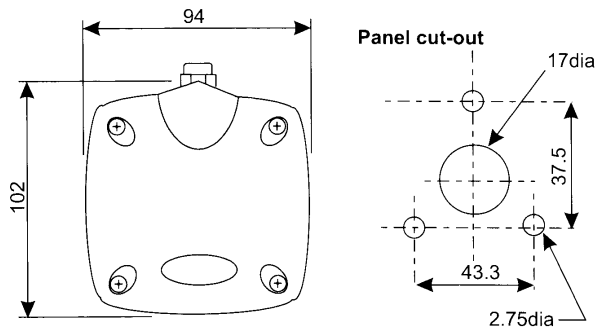
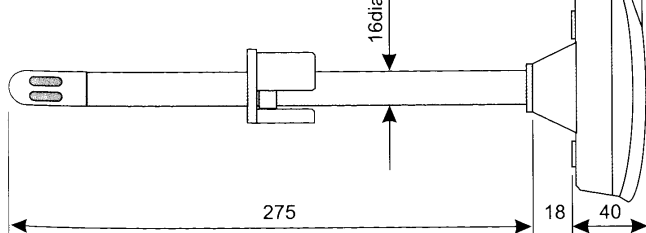
## Output Configuration

Switches J1 to J8 (where fitted)



Connections for other output versions as for ASW series above.

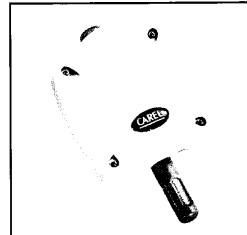
## Dimensions



## Standard Items

Temperature Range	Humidity Range	Part Number
NTC probe -10 - 70°C	-	ASDT011000
-	-	ASDT030000
-	10 - 90%rH	ASDH100000
-	0 - 100%rH	ASDH200000
NTC probe 0 - 50°C	10 - 90%rH	ASDC111000
-	10 - 90%rH	ASDH110000
-	0 - 100%rH	ASDC230000

## ASPC High Accuracy Temperature & Humidity Sensors



The ASPC range of temperature & humidity sensors are specifically designed to accurately measure high levels of humidity. The range covers -10 to 70°C and 0 to 100% rH with an accuracy of +/- 3% at 25°C. The unit is wall mounted, has a universal 9 to 30Vdc / 12-24Vac input voltage, selectable 0 to 1V or 4 to 20mA output and has an IP55 protection rating.

- \* Measures up to 100% rH
- \* Selectable 0-1V or 4-20mA output
- \* 9-30Vdc/12-24Vac input
- \* IP55 rating

## Specification

Supply voltage : 9 to 30Vdc +/-10%  
12 to 24Vac -10%/+15%

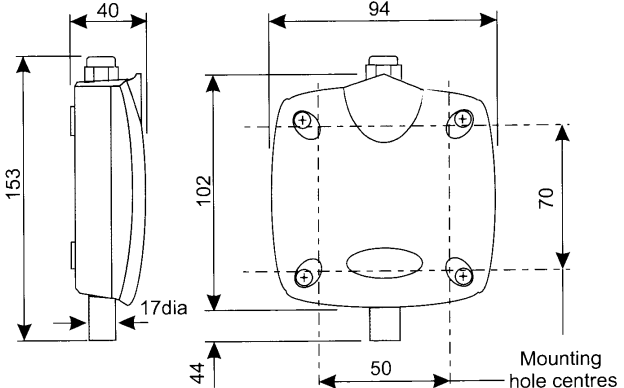
Temperature accuracy : 0 - 50°C : +/-1.2°  
-10 - 70°C : +/-0.7°

Humidity accuracy : 10 - 90%rH : +/-6% from 0 - 50°C  
0 - 100%rH : +/-5% from 0 - 50°C

Temperature output : 10mV/°C or 4-20mA  
Humidity output : 10mV/%rH or 4-20mA

Operating temperature : -10 to 70°C, 0 to 100% rH non-condensing  
Storage temperature : -20 to 70°C, 0 to 100% rH non-condensing  
Weight: 180gms

## Dimensions



Connection Diagram : As for ASD range above

## Standard Items

Temperature Range	Humidity Range	Part Number
0 - 50°C	10 - 90%rH	ASPC110000
-10 - 70°C	0 - 100%rH	ASPC230000