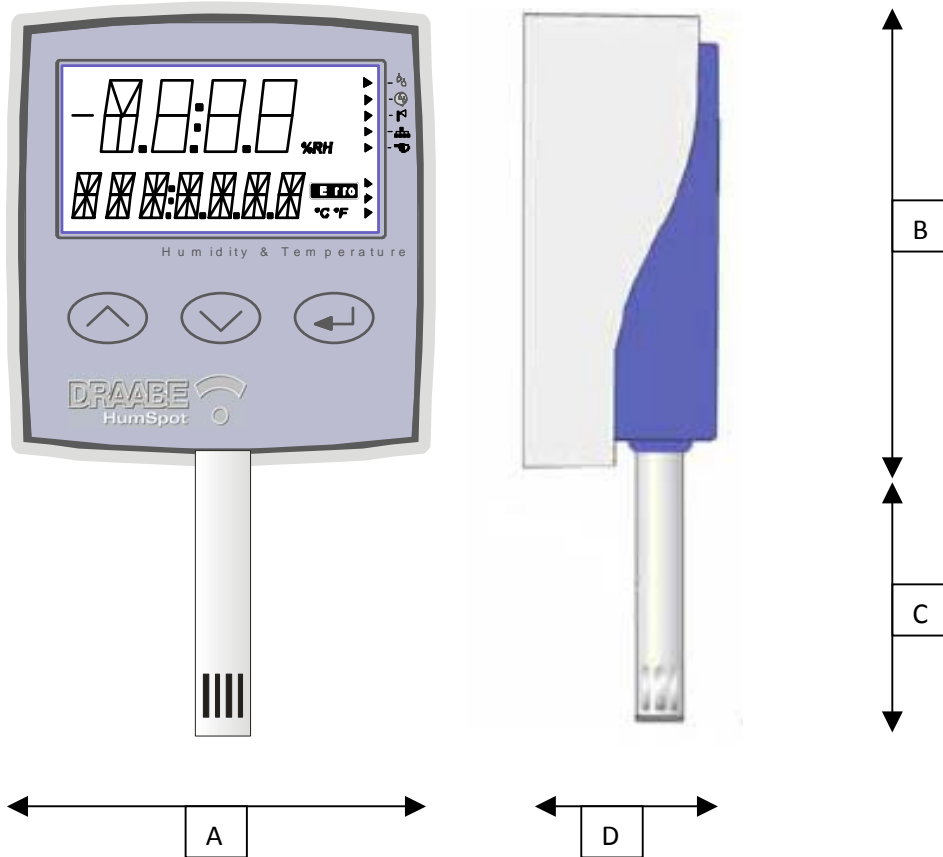


HumSpot Physical Data



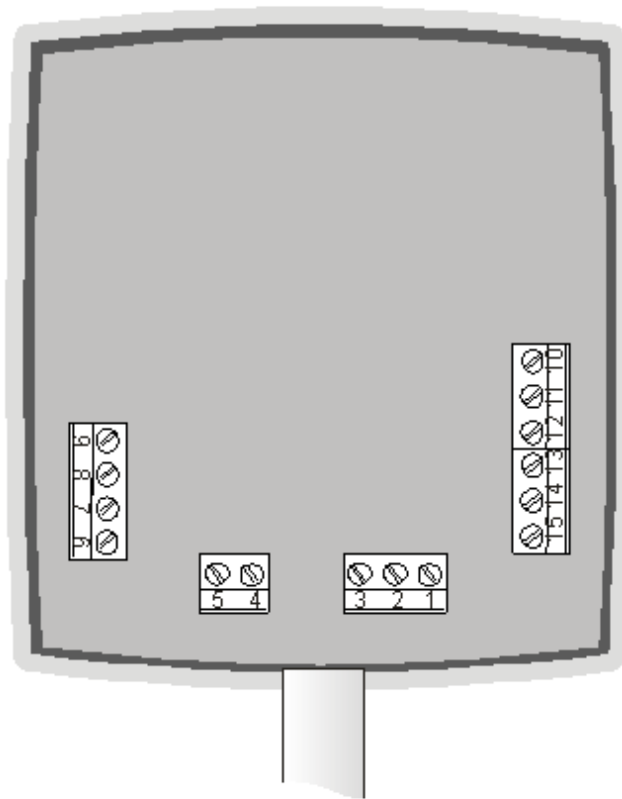
Model	HumSpot
Dimensions	A x B+C x D 110 x 118+75 x 50 mm 4.3 x 4.6+3 x 2 inches
Measurement Ranges	0 – 100 % rH -20 – 80 °C
Accuracy	Humidity Standard +/- 3% rH Humidity Factory Calibrated +/- 1.5% rH Temperature (between 15 and 30°C +/- .5°C
Display Resolution	Humidity 0.1% rH Temperature 0.1°C/0.1°F
Repeatability	Humidity +/- 1% Temperature +/- 0.1°C
Weight	0.7 kg
Voltage and Power	24 VDC, +/-20% --- 1 W (w/o backlight) 1.5W (with backlight)
Usage	Indoor Use Only – No Sunlight contact at all
Altitude above mean sea level	Max 6,670 ft
Ambient temperature	7-35°C (45-95°F)
Ambient humidity	Max. 80 %, avoid condensation

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HumSpot Wiring and Symbols



Power Connection	
1 : V+	Supplied from HumPower
2 : FogOn	Sends 24VDC to HumPower
3 : GND	Supplied from HumPower
Manual Override Connection	
4 : Ext-	GND
5 : Ext+	24VDC
Analogue Connection	
6 : HPS Ready	Parallel with RFI or HumSpot
7 : V+	Parallel with RFI or HumSpot
8 : PLC 24	Parallel with RFI or HumSpot
9 : HPRrequest	Parallel with RFI or HumSpot
Digital / Bus Connection	
10 : A Bus In	From HumCenter or HumSpot
11 : B Bus In	From HumCenter or HumSpot
12 : GND	From HumCenter or HumSpot
13 : A Bus Out	To HumSpot or Resistor
14 : B Bus Out	To HumSpot or Resistor
15 : GND	To HumSpot or Nothing

Symbol	Function	Description
	Humidification request	The precision hygrostat is requesting humidification.
	AFWS request	The AFWS is requesting humidification
	Atomisers active	The atomisers are switched on.
	Bus active	There is a connection to HumCenter.
	Manual operation	Manual operation on. This overrides the hygrostat.
6-8	Mean value	Shows mean value across 15, 60 and 180 min