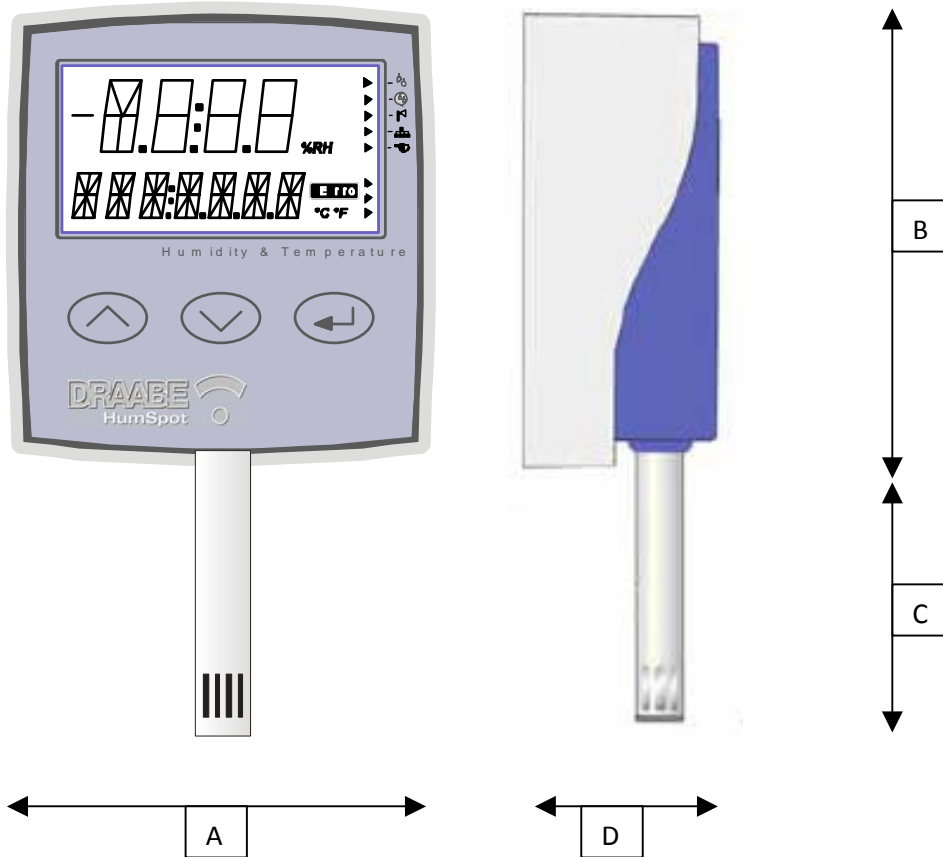


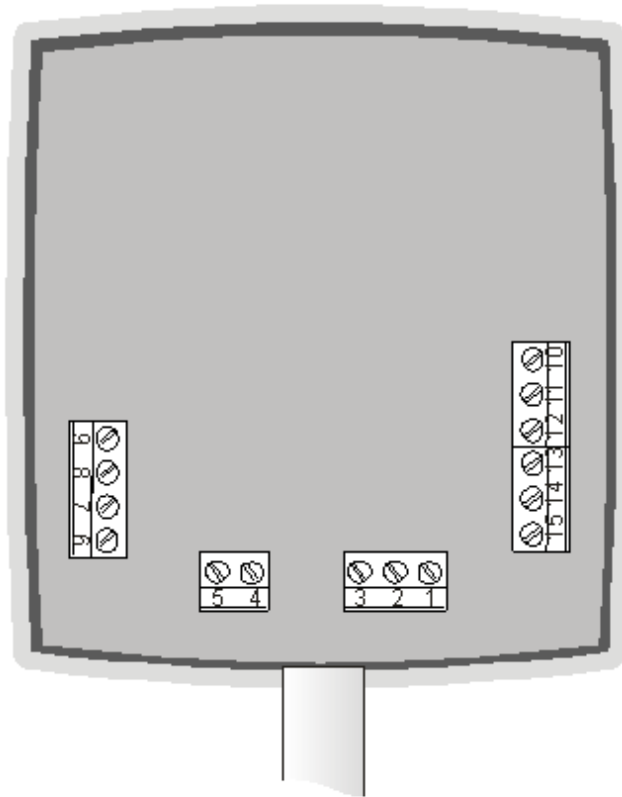
HumSpot Physical Data



| 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 |

| | | |
|---|---|--|
| <p>DRAABE division of Walter Meier (Climate Canada) Ltd. 2740 Fenton Rd Ottawa, ON K1T 3T7 Canada</p> | <p>DRAABE division of Walter Meier (Climate USA) Inc. 826 Proctor Ave Ottawa, ON K1T 3T7 Canada</p> | <p>Sales and General Inquiries draabe@waltermeier.com Technical and Service Inquiries draabecare@waltermeier.com</p> |
|---|---|--|

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 |