

hygrotest 650 – Professional humidity transmitters

W - Wall mounting



D - Duct mounting



P - Probe with cable



All hygrotest units are configured to customer specification.

From the options below, please select the solution that meets your requirements, for example, a hygrotest 650 with probe on cable, output signal 0 to 20 mA, 150mm long probe, 8 m long cable, measurement inaccuracy 1% RH, open metal protection cage, H6 display, Channel 1: 0 to 45 g/m³, Channel 2: 20 to 160 °C

hygrotest 650 PHT -20/180 / B4 / C2 / 150 / D2 / 8000 / F2 / G4 / H6 / K2 / 0 / 45 / L5 / M2 / 20 / 160 / N1

0555 0650 hygrotest 650

Versions

Wall-mounted, output %RH + T	WHT -20/70
Duct-mounted, outputs %RH + T	DHT -20/120
Probe version, output %RH + T	PHT -40/80
Probe version, output %RH + T	PHT -40/120
Probe version, output %RH + T	PHT -20/180
Heated version, output %RH + T	HP -20/120

Analog outputs

4 to 20 mA (2 wire). (not in HP)	B1
0 to 1 V (4 wire)	B2
0 to 10 V (4 wire)	B3
0 to 20 mA (4 wire)	B4
4 to 20 mA (4 wire, only in HP)	B5

Probes and cable length

Standard probe length (W: 65mm, D/P/HP: 210mm)	C1
Special probe length (80 to 800mm, W/D/P versions)	C2
Standard cable length (only P and HP versions, 2 m)	D1
Special cable length (0.25 to 10 m, P versions)	D2
Humidity adjustment 2% RH (not for HP)	F1
Humidity adjustment 1% RH (not for HP)	F2
Humidity adjustment 2.5% RH (only in HP)	F4

Sensor caps

Sintered stainless cap	G1
Wire mesh filter	G2
Teflon sintered filter	G3
Metal protection cap, open	G4

Scaling, channel 2

M1	Standard scale, Channel 2 (min ..max = -20 ..70/120/180 °C)
M2	Special scale, Channel 2 (min ..max) * + N1 °C N2 °F
	(e.g. *M2 30 to 60 N2* for 30 to 60 °F) N3 °C/d N4 °F/d
	* Give values ! N5 g/kg N6 g/m ³
	N7 FK °C N8 FK °F

Scaling, channel 1

K1	Standard scale, channel 1 (min to max = 0 ..100 % RH)
K2	Special scale, channel 1 (min to max) * + L1 %RH L2 °C/d
	(e.g. *K2 20..80 L1* for 20 to 80%RH) L3 °F/d L4 g/kg
	* Give values ! L5 g/m ³ L6 FK °C
	L7 FK °F

Display versions

	H1	H2	H3	H4	H5	H6
Loop-fed display	x		x			
External display supply		x		x	x	x
2x2 relay outputs					x	x
Analog outputs	x	x		x	x	x
RS 485			x	x	x	