



DOC232151

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Vaisala RFL100
Wireless Data Logger for Continuous Monitoring Systems

Vaisala HUMICAP [®] Humidity and Temperature Logger			RFL100	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Probes	No Probe 1 Probe 2 Probes	Logger Body Only <i>Available for 2 temperature probes, only</i>	0 1 2														
2	PROBE 1 - Type and calibration	None White plastic probe (HMP115) White plastic probe (HMP115) White plastic probe (HMP115T) Stainless steel probe (HMP110) Stainless steel probe (HMP110T) Pt100 probe with 0.5 m cable (TMP115) Pt100 probe with 3 m cable (TMP115) Pt100 probe with 3 m cable (TMP115) CO2 Probe for %level (GMP251)	3-point RH, 1-point T 3-point RH, 3-point T 3-point T 3-point RH, 1-point T 1-point T 5-point T 5-point T 6-point T 2-point CO2	15, 50, 75%RH @ 23 °C 15, 50, 75%RH @ 23 °C and 0, 20, 40 °C 0, 20, 40 °C 0, 50, 90%RH @ 23 °C 23 °C (Use HEL, CALs for addit. temps) -90, -45, 0, +45, +90 °C -90, -45, 0, +45, +90 °C -196, -90, -45, 0, +45, +90 °C 5, 20 % CO2. Background gas setpoint 19.7 %O2, 93 %RH	N A B C D E F G H J													
3	PROBE 2 - Type and calibration	None White plastic probe (HMP115) White plastic probe (HMP115) White plastic probe (HMP115T) Stainless steel probe (HMP110) Stainless steel probe (HMP110T) Pt100 probe with 0.5 m cable (TMP115) Pt100 probe with 3 m cable (TMP115) Pt100 probe with 3 m cable (TMP115)	3-point RH, 1-point T 3-point RH, 3-point T 3-point T 3-point RH, 1-point T 1-point T 5-point T 5-point T 6-point T	15, 50, 75%RH @ 23 °C 15, 50, 75%RH @ 23 °C and 0, 20, 40 °C 0, 20, 40 °C 0, 50, 90%RH @ 23 °C 23 °C (Use HEL, CALs for addit. temps) -90, -45, 0, +45, +90 °C -90, -45, 0, +45, +90 °C -196, -90, -45, 0, +45, +90 °C	0 A B C 1 2 3 4 5													
4	Power Supply	None Power Supply with EUR-adaptor Power Supply with US-adaptor Power Supply with UK-adaptor Power Supply with AUS-adaptor Power Supply with all adaptors	100-240VAC / 5VDC, 7W 100-240VAC / 5VDC, 7W 100-240VAC / 5VDC, 7W 100-240VAC / 5VDC, 7W 100-240VAC / 5VDC, 7W	N A B C D E														
5	Reserved 2	None		0														
6	Sensor protection 1	None		0														
7	Sensor protection 2	No Sensor Protection HMP115/T HMP115/T HMP110/T HMP110/T HMP110/T HMP110/T	For TMP115 and GMP251 Plastic Grid Membrane Filter PTFE Plastic Grid with Filter Stainless Steel Sintered Filter Sintered PTFE-Filter	For TMP115 For quick response to change in conditions For dust protection For harsh conditions, e.g. droplets For quick response to change in conditions For dust protection For harsh conditions For harsh conditions, e.g. droplets	0 1 2 3 4 5 6 7													
8	Region Radio Frequency	FCC + CSA ETSI GfKeti	For North America For Europe For Japan	A E J														
9	Battery type	Lithium 1.5 V AA size	For -20 ... 0 °C usage and with GMP251	2														
10	Logger installation	Mounting bracket Mounting bracket with magnets	For fixed installations with e.g. screws For quick installation with magnets. All installation alternatives available	A B														
11	Probe Extension Cable	No Extension Cable 3 meter Extension Cable 10 meter Extension Cable 3 meter Flat Cable for installations via door seal 3 meter Cable and 3 meter Flat Cable	2.5 m M8 M12 Probe splitter is included for CO2 selection	0 1 2 3 4														
12	Probe Mounting Accessories	No Mounting accessories	Mounting accessories for incubator chambers are included in the CO2 selection	N														
13	Thermal Dampener Block	None 1x Thermal Dampener Block	For TMP115 probes	0 1														
14	Quick Guide	No Guide Multilingual Guide		N A														

TOTAL
QTY
TOTAL VALUE

Additional information:

For ACCREDITED Calibration Please Order Item: HELACRCAL
For SPECIAL Calibration Please Order Item: HELSPECIALCAL

Selections in bold are included in the prices of the basic versions.
Selections in *italic* are available at an extra price.

Example of order code with typical settings:

RFL100 1 1 A 0 N 0 A 0 A 1 A 0 N 0 N 0

LOGGER ACCESSORIES

DRW244769SP 5pcs of Mounting Bracket
ASM2115275SP 5pcs of Magnetic Mounting Bracket
DRW244766SP 5pcs of Battery Covers
245679SP RFL100 and AP10 Mounting Kit
ASM214178SP Universal Power Supply 100-240VAC / 5VDC

PROBE ACCESSORIES

CBL210555-1M5SP Probe Cable 1.5m
CBL210555-3M5SP Probe Cable 3m
CBL210555-10M5SP Probe Cable 10m
CBL210647SP Flat cable 3m
CBL210834SP Probe Splitter M8 M8
230667 10pcs of Probe Mounting Clamps (Heavy Duty)
215619 Duct Installation Kit
ASM213382SP Probe Holder Assembly Set 5pcs
225501SP Probe Mounting Clamp
230661SP Probe Mounting Flange
18350SP 2pcs of Hex. Nuts M12x1 Pa 6.6

CALIBRATIONS

HELACRCAL Accredited Calibration
HELSPECIALCAL Custom Calibration

PROBE ACCESSORIES HMP110/T

HMP110 Spare Probe Order Code: Z0080C1A0
HMP110T Spare Probe Order Code: Z0B01A0
DRW010522SP Plastic Grid
DRW010525SP Membrane Filter
HM466705SP Sintered Filter
DRW244938SP PTFE Filter

PROBE ACCESSORIES HMP115/T

HMP115 Humidity and Temperature Probe for Data Logger
HMP115T Temperature Probe, 0°C, 20°C, 40°C, for Data Logger
DRW240185SP Plastic Grid
ASM210856SP Membrane Filter
219452SP PTFE Filter

PROBE ACCESSORIES TMP115

TMP115 Wide Range Temperature Probe for Data Logger
236310SP Thermal Dampener Block

AP10 ACCESSORIES

244784SP AC Power with all Adaptors
245679SP RFL100 and AP10 Mounting Kit

PROBE ACCESSORIES GMP251

GMP251 Spare Probe Order Code: B1B00CN1