



Vaisala RFL100

Wireless Data Logger for Continuous Monitoring Systems

Wireless Data Logger for Continuous Monitoring Systems														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												0 1 2														
2	PROBE 1 - Type and calibration	None White plastic probe (HMP115T) Stainless steel probe (HMP110T) P1100 probe with 0.5 m cable (TMP115) P1100 probe with 3 m cable (TMP115) P1100 probe with 3 m cable (TMP115) Temperature probe (HMP110T)	3-point T 1-point T 5-point T 5-point T 6-point T	0, 20, 40 °C 23 °C (Uses HEL CALs for addit. temps) -90, -45, 0, +45, +90 °C -90, -45, 0, +45, +90 °C -196, -90, -45, 0, +45, +90 °C no standard calibration											N C E F G H I														
3	PROBE 2 - Type and calibration	None White plastic probe (HMP115T) Stainless steel probe (HMP110T) P1100 probe with 0.5 m cable (TMP115) P1100 probe with 3 m cable (TMP115) P1100 probe with 3 m cable (TMP115) Temperature probe (HMP110T)	3-point T 1-point T 5-point T 5-point T 6-point T	0, 20, 40 °C 23 °C (Uses HEL CALs for addit. temps) -90, -45, 0, +45, +90 °C -90, -45, 0, +45, +90 °C -196, -90, -45, 0, +45, +90 °C no standard calibration											0 1 2 3 4 5 6														
4	Power Supply	None Power Supply with EUR-adapter Power Supply with US-adapter Power Supply with UK-adapter Power Supply with AUS-adapter Power Supply with all adapters		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	Connectivity to Monitoring System	viewLine On Premise viewLine Cloud Americas Data Center Custom Cloud Account, Americas Datacenter Jade Smart Cloud Americas Data Center Jade Smart Cloud Europe Data Center Custom Jade SmartCloud Account, Americas Datacenter Custom Jade SmartCloud Account, Europe Datacenter													0 1 A E F														
6	Sensor protection 1	No Sensor Protection Plastic Grid Membrane Filter PTFE Plastic Grid Plastic Grid with Filter Stainless Steel Sintered Filter Sintered PTFE-Filter	For TMP115 and GMP251 HMP115T HMP115T HMP110T HMP110T HMP110T HMP110T HMP110T	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											N A B C D E F G														
7	Sensor protection 2	No Sensor Protection Plastic Grid Membrane Filter PTFE Plastic Grid Plastic Grid with Filter Stainless Steel Sintered Filter Sintered PTFE-Filter	For TMP115 HMP115T HMP115T HMP110T HMP110T HMP110T HMP110T HMP110T	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 SRRC ETSI GTEK KCC NCC		For North America For China For Europe For Japan For Korea For Taiwan											A C E J K T														
9	Battery type	No Batteries Standard Alkaline 1.5 V AA size Lithium 1.5 V AA size		For use in room temperature For -20 ... 0 °C usage											0 1 A														
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											2 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 10 meter Cable and 3 meter Flat Cable 3 meter Cable and two 3 meter Flat Cables 10 meter Cable and two 3 meter Flat Cables 1 meter M12 High Heat Cable 1 meter M12 and M12 High Heat Cables		For dual temperature usage For dual temperature usage For dual temperature usage For dual temperature usage For dual temperature usage For dual temperature usage For dual temperature usage For dual temperature usage For CO2 Applications (CO2 Probe) For CO2 Applications (RH/T Probe and CO2 Probe)											0 1 2 3 4 5 6 7 8 9														
12	Probe Mounting Accessories	No Mounting accessories													N														
13	Thermal Damper Block	None 1x Thermal Damper Block 2x Thermal Damper Blocks		For TMP115 probes For TMP115 probes											0 1 2														
14	Quick Guide	No Guide Multilingual Guide													N A														
15															0 A														
															TOTAL														
															QTY														
															TOTAL VALUE														

Additional information:

For ACCREDITED Calibration Please Order Item: HELACCRCAL
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 1 N 1 G 1 A 1 A 1 A 1 A 1 N 1 G 1 N 1

LOGGER ACCESSORIES

DRW24476SP Spcs of Mounting Bracket
ASM21152SP Spcs of Magnetic Mounting Bracket
DRW24476SP Spcs of Battery Covers
245076SP RFL100 and AP10 Mounting Kit
ASM214185SP Universal Power Supply 100-240VAC / 5VDC

PROBE ACCESSORIES

CLB21055-1M5P Probe Cable 1.5m
CLB21055-3M5P Probe Cable 3m
CLB21055-10M5P Probe Cable 10m
CLB210447SP Flat cable 3m
CLB210343SP Probe Splitter
22007 10pcs of Probe Mounting Clamps (Heavy Duty)
21509 Duct Installation Kit
ASM213342SP Probe Holder Assembly Set Spcs
22501SP Probe Mounting Clamp
220061SP Probe Mounting Flange
18305SP 2pcs of Hex. Nuts M12x1 Pa 6.6

CALIBRATIONS

HELACCRCAL Accredited Calibration
HELSPECIALCAL Custom Calibration

PROBE ACCESSORIES HMP110T

HMP110 Spare Probe Order Code: 2080C1A0
HMP110T Spare Probe Order Code: 20801A0
DRW10522SP Plastic Grid
DRW10520SP Membrane Filter
HMA6670SP Sintered Filter
DRW244938SP PTFE Filter

PROBE ACCESSORIES HMP115T

HMP115 Humidity and Temperature Probe for Data Logger
HMP115T Temperature Probe, 0°C, 20°C, 40°C, for Data Logger
DRW240185SP Plastic Grid
ASM210565SP Membrane Filter
219452SP PTFE Filter

PROBE ACCESSORIES TMP115

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

AP10 ACCESSORIES

244784SP AC Power with all Adapters
245076SP RFL100 and AP10 Mounting Kit

PROBE ACCESSORIES GMP251

GMP251 Spare Probe Order Code: B180C0N1
ASM214253SP Mounting Kit for CO2 Probe
ASM214185SP Booster Adapter Probe
271036SP High Heat Cable 1m, M12, -20 ... +180°C
271036SP High Heat Cable 1m, M12, -20 ... +180°C