

DATA SHEET

TMI-Orion



Batteries

Logger Family	Logger Model	Temperature range	Battery packs	Sheath Dimensions
MiniVACQ		-40°C ~ +100°C	015 M	D.15 mm - L.29.5 mm
PicoVACQ	Humidity Temperature	-40°C ~ +85°C	015 M	D.15 mm - L.29.5 mm
		-40°C ~ +85°C	015 PW	D.15 mm - L.37.5 mm
		-40°C ~ +85°C	016 PTA	D. 16 mm - L.60.3 mm
		-40°C ~ +85°C	016 PTA	D. 16 mm - L.60.3 mm
	Humidity Temperature Ex	-40°C ~ +70°C	015 M	D.15 mm - L.29.5 mm
	Pressure Temperature	-30°C ~ +85°C	015 PW	D.15 mm - L.37.5 mm
		-30°C ~ +140°C	016T(*)	D.16 mm - L.35 mm
		-30°C ~ +140°C	016 PTA	D. 16 mm - L.60.3 mm
		-30°C ~ +100°C	015 M	D.15 mm - L.29.5 mm
		0°C ~ +140°C	015 P(**)	D.15 mm - L.13 mm
	Pressure Temperature Ex	-30°C ~ +70°C	015 M	D.15 mm - L.29.5 mm
		0°C ~ +70°C	015 P(**)	D.15 mm - L.13 mm
	Temperature	-70°C ~ +85°C	015 PW	D.15 mm - L.37.5 mm
		-70°C ~ +140°C	016 PTA	D. 16 mm - L.60.3 mm
-40°C ~ +140°C		016T(*)	D.16 mm - L.35 mm	
-40°C ~ +100°C		015 M	D.15 mm - L.29.5 mm	
0°C ~ +140°C		015 P(**)	D.15 mm - L.13 mm	
Temperature Ex	-30°C ~ +70°C	015 M	D.15 mm - L.29.5 mm	
	0°C ~ +70°C	015 P(**)	D.15 mm - L.13 mm	

(*) A special configuration of the PicoVACQ is requested with battery 016T

(**) The battery life decreases significantly below ambient temperature and becomes very short close to 0°C. In applications below ambient temperature, we recommend that you use other battery models or check that the application is compatible with the battery type.

Logger Family	Logger Model	Temperature range	Battery packs	Logger body Dimensions
NanoVACQ	Ex	-30°C ~ +85°C	016 ZEX	D.31 mm - L.39 mm
		-30°C ~ +140°C	016 ZEX	D.31 mm - L.39 mm
	Ex Radio	0°C ~ +140°C	017 ZEX	D.31 mm - L.44 mm
	Humidity Temperature	-55°C ~ +140°C	Routine-HE	D.31 mm - L.39 mm
		-60°C ~ +85°C	014 ZFL	D.31 mm - L.125 mm
	Humidity Temperature Radio and FullRadio	-55°C ~ +140°C	Radio-HE	D.31 mm - L.52.2 mm
		-60°C ~ +85°C	014 ZFL	D.31 mm - L.129 mm
	Pressure Temperature	-30°C(*) ~ +85°C	014 ZFL	D.31 mm - L.125 mm
		-30°C(*) ~ +140°C	Routine-HE	D.31 mm - L.39 mm
		0°C ~ +125°C	014 Z	D.31 mm - L.31 mm
	Pressure Temperature Radio and FullRadio	-30°C(*) ~ +85°C	014 ZFL	D.31 mm - L.129 mm
		-30°C(*) ~ +140°C	Radio-HE	D.31 mm - L.52.2 mm
	Temperature	-90°C ~ +85°C	014 ZFL	D.31 mm - L.125 mm
		-55°C ~ +140°C	Routine-HE	D.31 mm - L.39 mm
		0°C ~ +125°C	014 Z	D.31 mm - L.31 mm
	Temperature Radio and FullRadio	-90°C ~ +85°C	014 ZFL	D.31 mm - L.129 mm
		-55°C(**) ~ +140°C	Radio-HE	D.31 mm - L.52.2 mm
Air flow	-30°C ~ 140°C	Routine-HE	D.31 mm - L.39 mm	
Air flow and temperature	-30°C ~ +140°C	Routine-HE	D.31 mm - L.39 mm	
Air flow and temperature Radio and FullRadio	-30°C à +140°C	Radio-HE	D.31 mm - L.52.2 mm	

(*) -55°C: optional.
(**) -90°C: under certain conditions.



Logger Family	Logger Model	Temperature range	Battery packs	Battery Dimensions
NanoVACQ Flat		-30°C ~ +140°C	014 W	D. 17,5 mm - L. 8 mm
NanoVACQ xFlat		-20°C ~ +140°C	NXF1	L.28 x l.14 x H.4.2 mm
VACQ Autoclave		0°C ~ +140°C	015 S	D.15 mm - L.50 mm
VACQ III		0°C ~ +140°C	015 S	D.15 mm - L.50 mm
VACQ xFlat	VACQ x1.4 and VACQ x2.4	0°C ~ +140°C	VXP1	L.58 x l.25 x H.6 mm
	VACQ x2.4 and VACQ x2.8	-55°C ~ +140°C	VXP2	L.58 x l.29.3 x H.10.5 mm
	VACQ x1.8 and VACQ x2.8	0°C ~ +140°C	VXP3	L.58 x l.29.3 x H.6.5 mm
	VACQ x2.8	0°C ~ +140°C	VXP3HC	L.58 x l.29.3 x H.10.5 mm
	VACQ x2.8	0°C ~ +70°C	Adaptateur secteur - VXPS	L.75 x l.30.5 x H.19 mm
VACQ uFlat	VACQ u1.3	0°C ~ +125°C	VUP1	L.45 x l.21 x H.5.8 mm

Logger Family	Logger Model	Temperature range	Battery packs	Logger body dimension
CeriDry	Temperature, humidity, shrinkage	-30°C to +140°C	Routine-HE	L.169 x l.55 x H.52 mm
	Temperature, humidity, shrinkage Radio and FullRadio	-30°C to +140°C	Radio-HE	L.169 x l.55 x H.52 mm

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