Tecnología Marina Ximo, SL

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ACOUSTIC PINGER V2.2

PINGER®
IS A TECNOLOGIA MARINA XIMO,S.L. REGISTERED TRADEMARK No 2.712.083

Frequency		10 kHz ±2kHz Tonal
Pulse duration		300ms ±15ms
Repeat Interval		4 s ±0.2s
Sound Level		132dB re 1µPa @ 1m ±4dB
High Frequency harmonics		Yes
Saltwater Switch		Yes
Battery Test		External Red LED
Logic of Control		Microprocessor Texas Instruments MSP430
Protection Circuit		Against electrostatic discharges by special semiconductor element.
Acoustic transducers		2 x Piezoceramic discs. Resonance frequency matched
Life		±9500h (>13 month 24h/day continuously. Lab. test)
Maximum Operative Depth (MOD)		500m
Attachment		2 X Stainless steel wire rope - Transparent rubber jacketed
Materials	Body	Technical Polymer with UV protection chemical additive
	Attachment	AISI316 Stainless Steel - Transparent rubber jacketed
	Water contacts	AISI316L surgical grade stainless steel
Color		Black
Dimensions		129mm X 45mm (Ø)
Weight	In air	±315g
	In water	±120g
Storage		Dry place: 3 Years

- The on/off automatic water detection circuit extend the life of the battery.
- The low battery indicator automatically turns on when the device is extracted of the water, indicating, during 30 seconds intermittent light pulses, that the device has consumed its useful life and should be replaced for another. This indication will remain operating during more than one week, emitting luminous pulses each time that the device be utilized
- The stainless steel wire rope situated in the extremes of the device allow all kinds of attachment configurations using plastic ties, shackles, ropes, etc.
- The plastic material of the device is a technical advanced polymer, with a very high resistance to the abrasion and impacts, formulated with protective additives against the degradation produced by the ultraviolet solar radiation UV and other external agents existing in environments as the marine.

The device is in conformity with the European Union Council Regulation EC 812/2004 of April 26th 2004, Annex II.

CodMaR0208


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