



SePem[®] 351 HY

Device data

Dimensions (L × D × H)	55 × 65 × 170 mm (without aerial)
Weight	approx. 820 g (without aerial)

Certificates

Marking	CE
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Features

Signal light	1 LED
Memory	128 kB
Processor	microcontroller 16 bit
Ports	<ul style="list-style-type: none">• TNC port• 3-pin communication contact
Control	Reed switch for testing the radio connection

Operating conditions

Operating temperature	0 – 55°C
Storage temperature	-20 – 70 °C
Humidity	100% r.h.
Water pressure	up to 16 bar
Protection rating	IP68
Permitted operating environments	submersible up to 1 m
Non-permitted operating environments	<ul style="list-style-type: none">• in liquids other than water• in aggressive media• in potentially explosive areas

Power supply

Power supply	lithium metal battery [1355-0022]
Lithium mass per cell	2.8 g
Net weight of battery	61 g
Operating time, typical	9 years when using the default settings

Measurement data recording

Type	hydrophone
Sampling rate	adjustable 1 s – 1 h
Measuring range	0 – 3000

Data transmission

Communication	<ul style="list-style-type: none"> • LoRaWAN® • cable
Frequency bands	LoRaWAN® AS923, EU868, KR920, IN865

Additional data

Attachment option	1" external thread
Shipping instructions	contains: <ul style="list-style-type: none"> • 1 lithium metal battery packed with equipment (UN 3091) • with 2.8 g lithium transport as per ADR class 9 and VA 970 part I IATA possible

Assignment

System components of	SePem system
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