Technical data sheet

SEWERIN
Protecting Water, Gas and Life.

SePem® 352

Device data

Dimensions (H × Ø)	155 × 58 mm (without aerial)
Weight	900 g (without aerial)

Certificates

Certificate	• CE • FCC

Features

Signal light	1 LED
Memory	128 kB
Processor	microcontroller 16 bit
Ports	• TNC-port • 3-pin communication contact
Control	Reed switch for testing the radio connection

Operating conditions

Operating temperature	-20 – 55 °C
Storage temperature	-20 – 70 °C
Humidity	100 % r.h.
Atmospheric pressure	900 – 1180 hPa
Protection rating	IP68
Permitted operating environments	submersible up to 1 m
Non-permitted operating environments	• in liquids other than water • in aggressive media • in potentially explosive areas

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Power supply	
Power supply	lithium metal battery [1355-0022]
Lithium mass per cell	3.84 g
Net weight of batteries	96 g
Operating time, typical	12 years when using the default settings

Measurement data recording	
Type	noise sensor
Sampling rate	adjustable 1 s – 1 h
Measuring range	0 – 3000

Data transmission	
Communication	● LoRaWAN® ○ standard: V1.0.4; LoRaWAN® Regional Parameters V1.0.3 ● cable
Frequency bands	LoRaWAN®: AS923-1, AU915, EU868, US915

Additional data	
Attachment option	magnetically to the measuring location
Shipping instructions	contains: ● 1 lithium metal battery packed with equipment (UN 3091) ● with 3.84 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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Subject to technical changes.