SePem® 300

Technical data sheet

Device data

Dimensions (H x Ø)	126 x 54 mm (without contact adapter and aerial)
Weight	765 g (without aerial)

Certificates

Certificate	CE, FCC, IC
Marking	Contains FCC-ID: QIPBGS2 IC: 7830A-BGS2

Device elements

Signal light	1 LED
Memory	128 kB
Processor	Microcontroller 16 bit
Operation	magnetic activation via reed contact

Operating conditions

Operating temperature	−20 °C – +55 °C
Storage temperature	−20 °C – +70 °C
Humidity	100 % r.h.
Atmospheric pressure	900 – 1180 hPa
Protection rating	IP68
Permitted operating environments	outdoors submersible to 1 m
Non-permitted operating environments	in liquids other than water in aggressive media in explosive areas
Normal position of use	horizontal or vertical

Power supply

Power supply	1 battery pack [1355-0018] with 2 lithium metal batteries (can only be replaced by manufacturer)
Lithium mass per battery	1.0 g max.
Operating time, typical	5 years (when using default settings)

Data logging

Sampling rate	adjustable 1 s – 1 h

Data transmission	
Transmission frequency	Quad-band GSM 850/900/1800/1900 MHz
Communication	GSM and cable
Power	GSM 850/900: Class 4 GSM 1800/1900: Class 1

Additional data	
Attachment option	magnetic at measuring point
Shipping instructions	UN 3091: lithium metal batteries contained in equipment or lithium metal batteries packed with equipment net weight of battery/batteries: 0.056 kg

Assignment	
System components of	SePem system
For use with	SePem software from version 4.4.0. 6878

Subject to technical changes.