

## Technical data sheet

### SePem<sup>®</sup> 01

<b>Device data</b>	
Dimensions (W x D x H)	51 x 50 x 108 mm
Weight	510 g
Material	die-cast aluminium housing, hard anodised and painted

<b>Certificates</b>	
Certificate	depends on model CE, FCC, IC
Marking	FCC ID: WSP-SF01A0110 IC: 7994A-SF01A0110

<b>Device elements</b>	
Signal light	1 LED
Interface	radio data
Memory	64 kB
Processor	16 bit processor
Operation	magnetic activation via reed contact

<b>Operating conditions</b>	
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 potentially explosive areas
Normal position of use	horizontal or vertical

<b>Power supply</b>	
Power supply	lithium battery (must only be replaced by manufacturer)
Operating time, typical	5 years (using standard settings)
Operating voltage	3,6 V

<b>Data logging</b>	
Sampling rate	adjustable 1 s – 1 h

<b>Data transmission</b>	
Transmission frequency	depends on model Europe: 433 MHz USA: 31 channels available, range 461 – 469 MHz, FCC license required
Communication	bi-directional radio data
Power	10 mW

<b>Additional data</b>	
Attachment option	magnetic at measuring point

<b>Assignment</b>	
For use with	SePem 01 Master antenna adapter (various lengths)

106801 – 18-09-2012 – Subject to technical changes.