

Technical data sheet

SePem[®] 100

Device data	
Dimensions (Ø x H)	54 × 104 mm (without magnet)
Weight	740 g
Material	stainless steel, polypropylene

Certificates	
Certificate	CE

Device elements	
Interface	radio data
Memory	64 kB
Processor	16-bit processor
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 potentially explosive areas
Normal position of use	vertical

Power supply	
Power supply	lithium metal battery [1355-0017]
Lithium mass per battery	2.37 g
Operating time, typical	5 years (when using default settings)

Data logging	
Sampling rate	adjustable 1 s – 1 h

Data transmission	
Transmission frequency	433 MHz
Communication	bi-directional radio data
Power	10 mW

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: 0.043 kg

Assignment	
For use with	SePem 01 Master safety rope

107224 – 23.03.2017 – Subject to technical changes.