



SePem[®] 100

Device data

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

Certificates

Mark	CE
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Device elements

Interface	radio data
Memory	64 kB
Processor	microcontroller 16 bit
Operation	magnetic activation via reed contact

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	outdoors submersible 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
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
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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: 0.055 kg

Assignment

For use with	SePem 01 Master safety rope
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