



SePem[®] 155

Device data

Dimensions (Ø × H)	54 × 114 mm (2.13 × 4.49 in) (without magnet and aerial)
Weight	775 g (1.71 lb)
Material	stainless steel, polypropylene

Certificates

Mark	FCC
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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	-15 – 55 °C (5 – 131 °F)
Storage temperature	-20 – 70 °C (-4 – 158 °F)
Humidity	100 % r.h.
Atmospheric pressure	900 – 1180 hPa
Protection rating	IP68
Permitted operating environments	outdoors submersible to 1 m (3.3 ft)
Non-permitted operating environments	<ul style="list-style-type: none">• in liquids other than water• in aggressive media• in potentially explosive areas

Power supply

Power supply	lithium metal battery [1355-0017]
Lithium mass per battery	2.37 g
Operating time, typical	5 years (if standard settings are used)

Measurement

Sampling rate	adjustable 1 s – 1 h
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Data transmission

Transmission frequency	461.0375 – 469.5625 MHz
Communication	bi-directional radio data
Power	20 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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