

SePem[®] 155

Technical data sheet

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

Certificates	
Certificate	FCC

Device elements	
Interface	radio data
Memory	64 kB
Processor	16-bit processor
Operation	magnetic activation via reed contact

Operating conditions	
Operating temperature	-15 °C – +55 °C (5 °F – 131 °F)
Storage temperature	-20 °C – +70 °C (-4 °F – 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	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

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: 0.043 kg

Assignment	
For use with	SePem 01 Master safety rope

Subject to technical changes.