

Floodsense

ELD7

The ELD7 Floodsense sensor is designed to detect flooding. The main measured data is the presence of water detected by a probe. The sensor is battery-powered and transmits the measured data wirelessly via the gateway to the cloud.



Technical data

Measured data	flooding (water presence) [-]
Physical dimensions	85 × 65 × 45 mm
Weight	250 g (including batteries)
Material	ABS plastic
Protection	IP66 (waterproof)
Working conditions	from -20 °C to + 60 °C, < 100 % RH
Interface	1× water leak probe (fixed, length approx . 50 cm)
Required accessories	holder, gateway EWG6-C
Power supply	2× exchangeable alkaline C 1,5V
Battery life	> 2 years (max. 5 years)
Connectivity	433MHz Radio (Chirp protocol)
Radio range	< 100 m (depending on the local conditions)
Transmitting power	< 10 mW
Transmission time	< 5 ms
Transmission period	60 s
Activation	by placing on designated holder; by measurement (from 05/2021)