

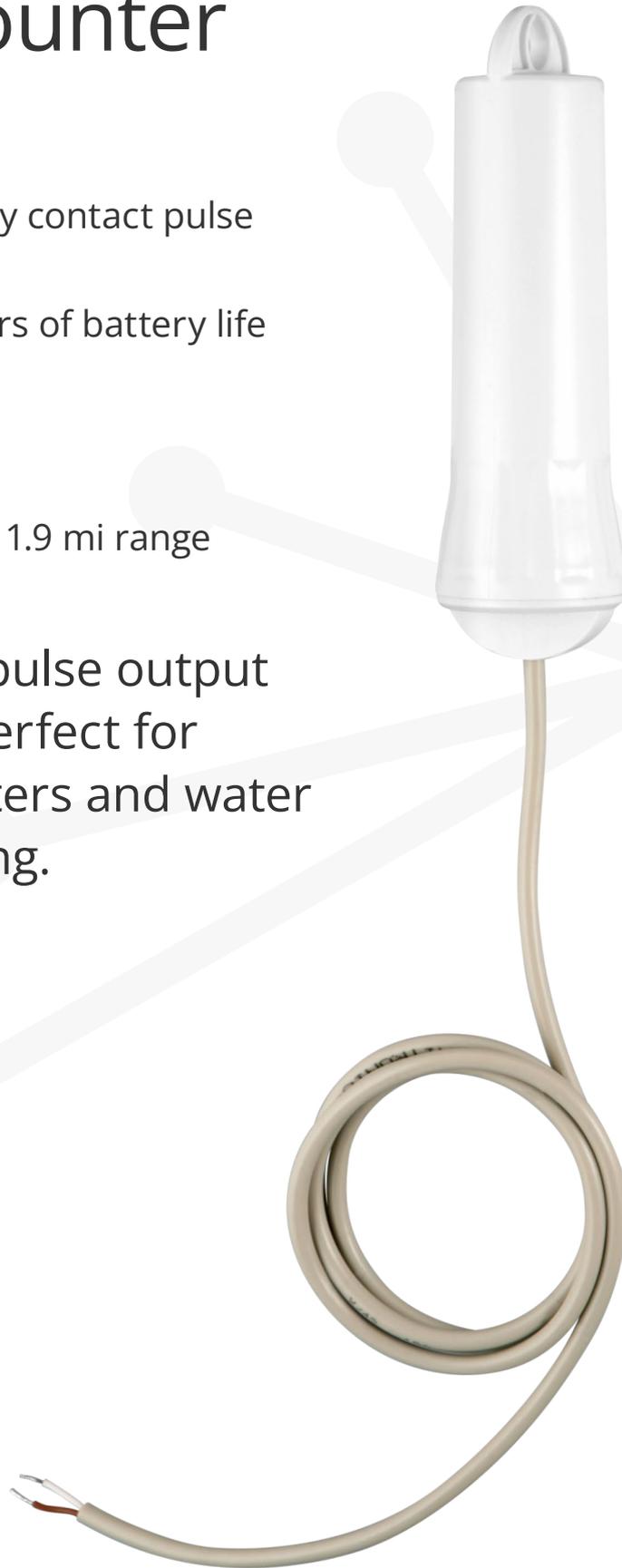
Aranet Dry Contact Pulse Counter



aranet

- ① Measures dry contact pulse
- ② Up to 10 years of battery life
- ③ IP68 casing
- ④ Up to 3 km / 1.9 mi range

Designed for pulse output monitoring, perfect for electricity meters and water flow monitoring.



Sensor performance

Maximum pulse frequency	25 Hz
Minimum pulse width	10 ms
Minimum interval between pulses	30 ms
Cable length	1 m (3.2 ft)

Radio parameters

Line of sight range	3 km (1.9 mi)
Supported ISM bands	EU868, RU869 US920, AS923
Transmitter power	14 dBm
Data transmission interval	1, 2, 5 or 10 minutes
Data protection	XXTEA encryption
Compatible base stations	Aranet PRO

General

Ingress Protection code	IP68
Maximum operating temperature range	-40 °C to 60 °C (-40 °F to 140 °F)
Dimensions	Ø 35 x 120 mm (Ø 1.4 x 4.7 in)
Weight ¹	100 g (3.5 oz)
Enclosure material	ASA plastic
Included in the box	1 AA alkaline battery, polyester string

Power 1 AA battery

Type	Alkaline ²	Lithium ³
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)	-40 °C to 55 °C (-40 °F to 131 °F)
TX interval	Battery lifetime at 20 °C (68 °F) ⁴	
1 minute	1.4 years	1.9 years
2 minutes	2.6 years	3.5 years
5 minutes	5.2 years	7.3 years
10 minutes	7.6 years	10+ years

Compliance

CE	Conformité Européenne
IC	Innovation, Science and Economic Development Canada
FCC	Federal Communications Commission (USA)

¹ Weight with alkaline Fujitsu Premium LR6G07 AA battery.

² Fujitsu Premium LR6G07 AA batteries used for tests and calculations

³ Energizer Ultimate Lithium L91 AA batteries used for tests and calculations.

⁴ Battery lifetime data has been obtained by mathematical extrapolation and is provided for descriptive purposes only and is not intended to make or imply any guarantee or warranty.