

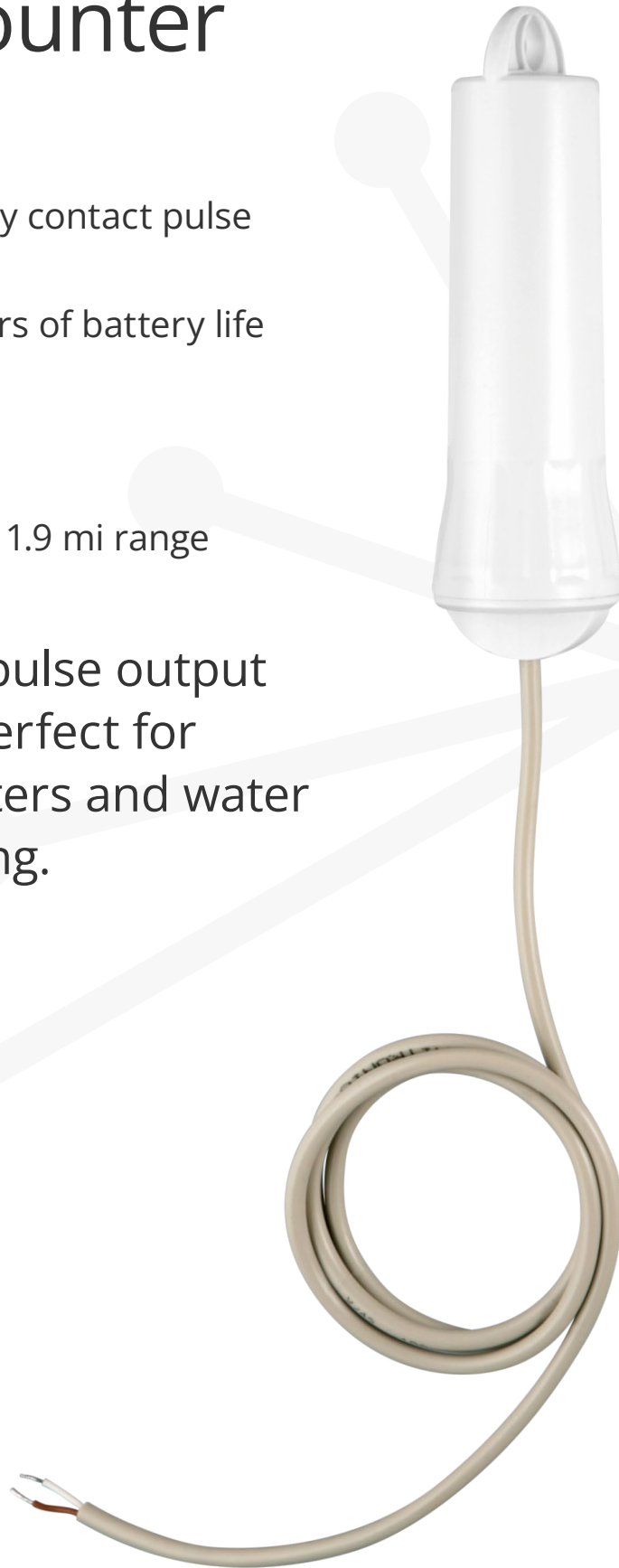
# Aranet Dry Contact Pulse Counter



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 <sup>1</sup>	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 <sup>2</sup>	Lithium <sup>3</sup>
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) <sup>4</sup>	
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)



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<sup>1</sup> Weight with alkaline Fujitsu Premium LR6G07 AA battery.

<sup>2</sup> Fujitsu Premium LR6G07 AA batteries used for tests and calculations

<sup>3</sup> Energizer Ultimate Lithium L91 AA batteries used for tests and calculations.

<sup>4</sup> 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.