

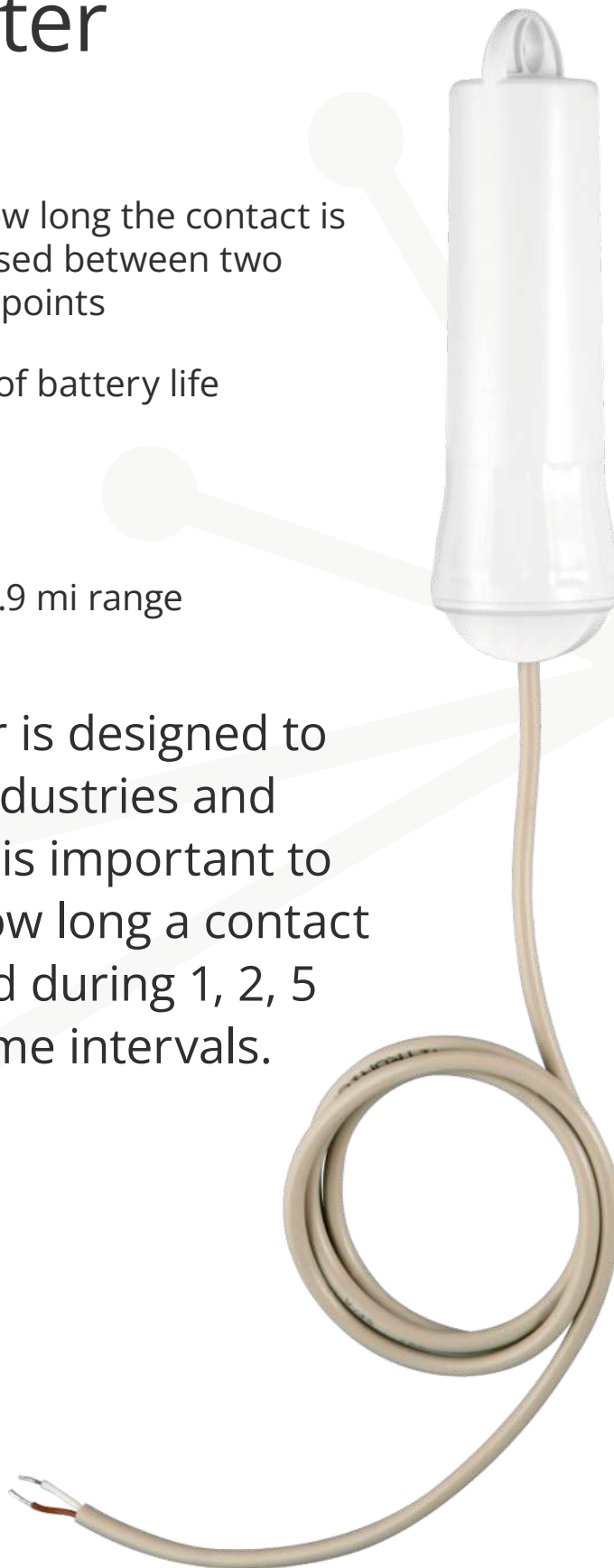
# Aranet Dry Contact Hour Meter



aranet

- 1 Detects for how long the contact is opened or closed between two wired contact points
- 2 Up to 9 years of battery life
- 3 IP68 casing
- 4 Up to 3 km / 1.9 mi range

The transmitter is designed to suit different industries and needs where it is important to establish for how long a contact has been closed during 1, 2, 5 or 10 minute time intervals.



**Sensor performance**

|                  |              |
|------------------|--------------|
| Resolution       | 1 sec        |
| Accuracy         | 4.3 sec/day  |
| Counter overflow | 136 years    |
| Cable length     | 1 m (3.2 ft) |

**Radio parameters**

|                            |                              |
|----------------------------|------------------------------|
| Line of sight range        | 3 km (1.9 mi)                |
| Supported ISM bands        | EU868, RU869<br>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<br>(-40 °F to 140 °F)      |
| Dimensions                          | Ø 35 x 120 mm<br>(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,<br>polyester string |

**Power 1 AA battery**

|                       |  |                                       |
|-----------------------|--|---------------------------------------|
| Type                  | Alkaline <sup>2</sup>                          | Lithium <sup>3</sup>                  |
| Operating temperature | -20 °C to 50 °C<br>(-4 °F to 122 °F)           | -40 °C to 55 °C<br>(-40 °F to 131 °F) |
| TX interval           | Battery lifetime at 20 °C (68 °F) <sup>4</sup> |                                       |
| 1 minute              | 1.3 years                                      | 1.7 years                             |
| 2 minutes             | 2.4 years                                      | 3.2 years                             |
| 5 minutes             | 4.6 years                                      | 6.4 years                             |
| 10 minutes            | 6.7 years                                      | 9.6 years                             |

**Compliance**

|     |  |
|-----|--|
| CE  | Conformité Européenne                                  |
| IC  | Innovation, Science and Economic<br>Development Canada |
| FCC | Federal Communications Commission<br>(USA)             |

<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.