

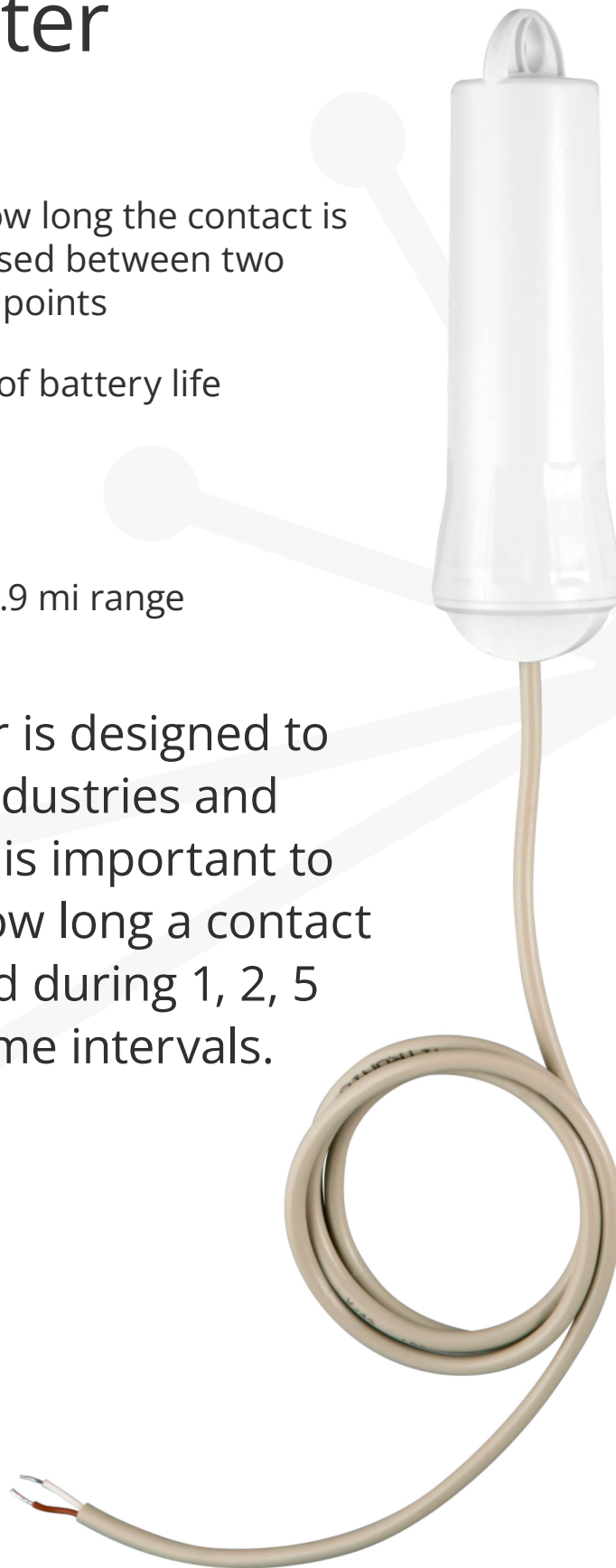
Aranet Dry Contact Hour Meter



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 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 | 1.3 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 Development Canada |
| FCC | Federal Communications Commission (USA) |



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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.