## Aranet 0-10 VDC transmitter



- Measures 4-20 mA current
  - Up to 7 years of battery life
- IP68 casing
- Data transmission every 1, 2, 5, 10 minutes

Battery-powered and energy-efficient solution designed to integrate with any 3rd party sensor that uses V as an output.

MeasurementsDC VoltageLine of Sight Range3 km / 1.9 miOperating environmentIndoor and Outdoor useTransmitter power14 dBmFrequencyDepends on base station instructionsMeasurement Range-32 to +32 VDC *Measurement accuracy±0.5 %Measurement resolution0.01 VData Transmission1,2,5,10 minutesData ProtectionData encryptionPower options1,4A Alkaline battery (Zn/MnO_s) 1 AA Lithium battery (Li/FeS_s)Battery life @ 20 °C / 68 °FUp to 5 years with Alkaline battery Up to 7 syears with Alkaline batteryOperating humidity9% to 100%Dimensions2.0 °C Lot S5 °C / 4 °F to 131 °F with Alkaline batteryOperating humidity9% to 100%Dimensions2.8 g / 3.1 oz with Alkaline battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m / 3.2 ft probe) 74g / 2.8 oz with Lithium battery (1 m	Aranet 0-10 VDC transmitter datasheet	
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Cable length1 m (3.2 ft)ConstructionASA PlasticProtection classIP68MarkingCE, FCCCompatible base stationsAranet PRO (from v1.4.0)Included1 AA Alkaline battery, string	Dimensions	35 mmØ x 120 mm / 1.4″Ø x 4.7″
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Compatible base stationsAranet PRO (from v1.4.0)Included1 AA Alkaline battery, string	Protection class	IP68
Included 1 AA Alkaline battery, string	Marking	CE, FCC
	Compatible base stations	Aranet PRO (from v1.4.0)
Part number TDSPVM02.010 (EU), TDSPVMU2.010 (NA), TDSPVMR2.010 (RU)	Included	1 AA Alkaline battery, string
	Part number	TDSPVM02.010 (EU), TDSPVMU2.010 (NA), TDSPVMR2.010 (RU)

\* For transducers using V (DC) as an output, the Aranet PRO web interface user software allows customer to define conversion from detected Voltage values to a user defined measurement unit.