

ULTRASONIC DISTANCE SENSOR



- ① highly accurate distance measurement
- ② up to 7 year battery life
- ③ IP67 casing

for level monitoring of liquid and non-liquid materials

Aranet Ultrasonic Distance sensor is used for level monitoring of liquid and non-liquid materials.

Aranet Ultrasonic Distance sensor

Measurement	Distance
Line of sight range	3 km / 1.9 mi
Operating environment	Indoor and outdoor use
Transmitter power	14 dBm
Frequency	Depends on base station instructions
Measurement range	0.5 to 10 m
Measurement resolution	1 mm
Measurement accuracy	1%
Data transmission	1, 2, 5, 10 minutes
Data protection	Data encryption
Power options	1 AA Alkaline battery (Zn / MnO ₂) 1 AA Lithium battery (Li / FeS ₂)
Battery life at 20°C / 68°F	Up to 5 years with Alkaline battery Up to 7 years with Lithium battery
Operating temperature	-20°C to 55°C / -4°F to 131°F with Alkaline battery -40°C to 60°C / -40°F to 140°F with Lithium battery
Humidity range	0% to 100%
Dimensions	53 mmØ x 210 mm / 2.1"Ø x 8.3"
Weight	286 g (10.1 oz) with Alkaline battery 279 g (9.9 oz) with Lithium battery
Construction	ASA, PVC, Aluminium
Protection class	IP67
Marking	CE
Compatible base stations	Aranet PRO and Aranet MINI
Included	1 AA Alkaline battery
Part number	TDSPDM01 (EU), TDSPDMU1 (NA)