



900 MHz



WT Series (LCD) - 900 MHz: 10 mW, 9600 bit rate*, @ 20 °C

Product	Analog Pressure (1 sensor)	Analog Pressure (3 sensors)	Discrete	Flow Totalizer	Resistive Level	RTD	Thermocouple	Ultrasonic Level
Interval \ Life	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)
5 sec	1.2	0.8	1.6		1.6	1.6	1.5	1.2
10 sec	2.4	1.7	3.1		3.1	3.1	2.9	2.4
15 sec	3.6	2.5	4.5		4.5	4.5	4.3	3.6
20 sec	4.7	3.3	6.0		6.0	6.0	5.6	4.7
25 sec	5.8	4.1	7.3		7.3	7.3	6.9	5.8
30 sec	6.9	4.9	8.7	N/A	8.7	8.7	8.2	6.9
35 sec	7.9	5.6	10.0		10.0	10.0	9.4	8.0
40 sec	9.0	6.4	10.0		10.0	10.0	10.0	9.0
45 sec	10.0	7.1	10.0		10.0	10.0	10.0	10.0
50 sec	10.0	7.8	10.0		10.0	10.0	10.0	10.0
55 sec	10.0	8.6	10.0		10.0	10.0	10.0	10.0
60 sec	10.0	9.3	10.0	10.0	10.0	10.0	10.0	10.0
5 min	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
10 min	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
15 min	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0



SM Series - 900 MHz: 10 mW, 9600 bit rate*, @ 20 °C

Product	Analog - Pressure (1 sensor)	Analog - Pressures (4 sensors)	Cathodic Protection	Discrete	Level Mate	Resistive Level	RTD	Thermo couple	Tilt - 1 sec sampling	Vibration - 1 sec sampling
Interval \ Life	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)
5 sec	1.2	0.7	10.0 @ 1 hr	1.5	0.6	1.5	1.5	1.5		
10 sec	2.4	1.4	10.0 @ 5 hr	2.9	1.1	3.0	3.0	2.9		
15 sec	3.5	2.1	10.0 @ 10 hr	4.2	1.7	4.4	4.4	4.2		
20 sec	4.6	2.8	10.0 @ 12 hr	5.3	2.2	5.8	5.8	5.5		
25 sec	5.6	3.5	10.0 @ 16 hr	6.4	2.8	7.1	7.1	6.7		
30 sec	6.6	4.2	10.0 @ 18 hr	7.4	3.3	8.3	8.3	7.9	N/A	N/A
35 sec	7.6	4.8	10.0 @ 22 hr	8.3	3.8	9.5	9.5	9.0		
40 sec	8.6	5.4	10.0 @ 24 hr	9.1	4.3	10.0	10.0	10.0		
45 sec	9.5	6.0		9.9	4.8	10.0	10.0	10.0		
50 sec	10.0	6.6		10.0	5.3	10.0	10.0	10.0		
55 sec	10.0	7.2		10.0	5.8	10.0	10.0	10.0		
60 sec	10.0	7.8	This device uses SX1000-BP2 Battery Pack	10.0	6.3	10.0	10.0	10.0	1.7	5.5
5 min	10.0	10.0		10.0	10.0	10.0	10.0	10.0	7.6	10.0
10 min	10.0	10.0		10.0	10.0	10.0	10.0	10.0	10.0	10.0
15 min	10.0	10.0		10.0	10.0	10.0	10.0	10.0	10.0	10.0

*One transmission per interval without any retries were used to calculate battery life using Gen2 radio. The data only applies to a new battery part number SX1000-BP3 and SX1000-BP2 for Cathodic Protection Transmitter. Actual battery life may vary depending on environmental factors, application, and usage. Use data shown above only as a general point of reference. ©2021 OleumTech Corporation. All rights reserved. OleumTech is a registered trademark of OleumTech Corporation in the United States. Specifications, design, and product descriptions subject to change without notice. AN-1069-001_H



2.4 GHz



WT Series (LCD) - 2.4 GHz: 63 mW, 250,000 bit rate*, @ 20 °C

Product	Analog Pressure (1 sensor)	Analog Pressure (3 sensors)	Discrete	Flow Totalizer	Resistive Level	RTD	Thermocouple	Ultrasonic Level
Interval \ Life	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)
5 sec	1.6	1.0	2.2	N/A	2.2	2.2	2.0	1.6
10 sec	3.1	2.0	4.3		4.3	4.3	4.0	3.1
15 sec	4.6	3.0	6.4		6.4	6.4	5.9	4.6
20 sec	6.0	3.9	8.3		8.3	8.3	7.7	6.1
25 sec	7.4	4.8	10.0		10.0	10.0	9.4	7.5
30 sec	8.8	5.7	10.0		10.0	10.0	10.0	8.8
35 sec	10.0	6.6	10.0		10.0	10.0	10.0	10.0
40 sec	10.0	7.5	10.0		10.0	10.0	10.0	10.0
45 sec	10.0	8.4	10.0		10.0	10.0	10.0	10.0
50 sec	10.0	9.2	10.0		10.0	10.0	10.0	10.0
55 sec	10.0	10.0	10.0		10.0	10.0	10.0	10.0
60 sec	10.0	10.0	10.0		10.0	10.0	10.0	10.0
5 min	10.0	10.0	10.0		10.0	10.0	10.0	10.0
10 min	10.0	10.0	10.0		10.0	10.0	10.0	10.0
15 min	10.0	10.0	10.0		10.0	10.0	10.0	10.0



SM Series - 2.4 GHz: 63 mW, 250,000 bit rate*, @ 20 °C

Product	Analog - Press. (1 sensor)	Analog - Press. (4 sensors)	Cathodic Protection	Discrete	LevelMate	Resistive Level	RTD	Thermo couple	Tilt - 1 sec sampling	Vibration - 1 sec sampling
Interval \ Life	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)	Year(s)
5 sec	1.6	0.8	10.0 @ 1 hr	2.1	0.6	2.2	2.2	2.0	0.4	0.7
10 sec	3.1	1.7	10.0 @ 5 hr	4.0	1.3	4.2	4.2	3.9	0.7	1.4
15 sec	4.5	2.5	10.0 @ 10 hr	5.6	1.9	6.2	6.2	5.7	1.1	2.1
20 sec	5.9	3.3	10.0 @ 12 hr	7.1	2.5	8.0	8.0	7.4	1.5	2.9
25 sec	7.2	4.0	10.0 @ 16 hr	8.4	3.1	9.6	9.6	8.9	1.8	3.6
30 sec	8.4	4.8	10.0 @ 18 hr	9.6	3.7	10.0	10.0	10.0	2.2	4.3
35 sec	9.6	5.5	10.0 @ 22 hr	10.0	4.3	10.0	10.0	10.0	2.5	5.0
40 sec	10.0	6.2	10.0 @ 24 hr	10.0	4.8	10.0	10.0	10.0	2.9	5.6
45 sec	10.0	6.9	This device uses SX1000-BP2 Battery Pack	10.0	5.4	10.0	10.0	10.0	3.2	6.3
50 sec	10.0	7.6		10.0	5.9	10.0	10.0	10.0	3.6	7.0
55 sec	10.0	8.3		10.0	6.5	10.0	10.0	10.0	3.9	7.6
60 sec	10.0	8.9		10.0	7.0	10.0	10.0	10.0	4.3	8.3
5 min	10.0	10.0		10.0	10.0	10.0	10.0	10.0	10.0	10.0
10 min	10.0	10.0		10.0	10.0	10.0	10.0	10.0	10.0	10.0
15 min	10.0	10.0		10.0	10.0	10.0	10.0	10.0	10.0	10.0

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