OTC

900 MHz

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

Product	Analog - Press. (1 sensor)	Analog - Press. (3 sensors)	Discrete	Flow Totalizer	H2S	Resistive Level	RTD	Thermocouple
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		N/A	1.6	1.6	1.5
10 sec	2.4	1.7	3.1			3.1	3.1	2.9
15 sec	3.6	2.5	4.5			4.5	4.5	4.3
20 sec	4.7	3.3	6.0			6.0	6.0	5.6
25 sec	5.8	4.1	7.3			7.3	7.3	6.9
30 sec	6.9	4.9	8.7	N/A		8.7	8.7	8.2
35 sec	7.9	5.6	10.0			10.0	10.0	9.4
40 sec	9.0	6.4	10.0			10.0	10.0	10.0
45 sec	10.0	7.1	10.0		1 min: 2.4	10.0	10.0	10.0
50 sec	10.0	7.8	10.0		2 min: 3.4	10.0	10.0	10.0
55 sec	10.0	8.6	10.0		3 min: 4	10.0	10.0	10.0
60 sec	10.0	9.3	10.0	10.0	4 min: 4.3	10.0	10.0	10.0
5 min	10.0	10.0	10.0	10.0	5 min: 4.5	10.0	10.0	10.0
10 min	10.0	10.0	10.0	10.0	10 min: 5.1	10.0	10.0	10.0
15 min	10.0	10.0	10.0	10.0	15 min: 5.3	10.0	10.0	10.0
60 min	10.0	10.0	10.0	10.0	60 min: 5.7	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	Resistive Level	RTD	Thermocouple	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)
5 sec	1.2	0.7	10.0 @ 1 hr	1.5	1.5	1.5	1.5	N/A	N/A
10 sec	2.4	1.4	10.0 @ 5 hr	2.9	3.0	3.0	2.9	N/A	N/A
15 sec	3.5	2.1	10.0 @ 10 hr	4.2	4.4	4.4	4.2	N/A	N/A
20 sec	4.6	2.8	10.0 @ 12 hr	5.3	5.8	5.8	5.5	N/A	N/A
25 sec	5.6	3.5	10.0 @ 16 hr	6.4	7.1	7.1	6.7	N/A	N/A
30 sec	6.6	4.2	10.0 @ 18 hr	7.4	8.3	8.3	7.9	N/A	N/A
35 sec	7.6	4.8	10.0 @ 22 hr	8.3	9.5	9.5	9.0	N/A	N/A
40 sec	8.6	5.4	10.0 @ 24 hr	9.1	10.0	10.0	10.0	N/A	N/A
45 sec	9.5	6.0		9.9	10.0	10.0	10.0	N/A	N/A
50 sec	10.0	6.6		10.0	10.0	10.0	10.0	N/A	N/A
55 sec	10.0	7.2	This device uses SX1000-BP2 Battery Pack	10.0	10.0	10.0	10.0	N/A	N/A
60 sec	10.0	7.8		10.0	10.0	10.0	10.0	1.7	5.5
5 min	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
15 min	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.

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OTC

2.4 GHz

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

Product Interval \ Life	Analog - Press. (1 sensor) Year(s)	Analog - Press. (3 sensors) Year(s)	Discrete Year(s)	Flow Totalizer Year(s)	H2S Year(s)	Resistive Level Year(s)	RTD Year(s)	Thermocouple Year(s)
5 sec	1.6	1.0	2.2		N/A	2.2	2.2	2.0
10 sec	3.1	2.0	4.3			4.3	4.3	4.0
15 sec	4.6	3.0	6.4			6.4	6.4	5.9
20 sec	6.0	3.9	8.3			8.3	8.3	7.7
25 sec	7.4	4.8	10.0			10.0	10.0	9.4
30 sec	8.8	5.7	10.0	N/A		10.0	10.0	10.0
35 sec	10.0	6.6	10.0			10.0	10.0	10.0
40 sec	10.0	7.5	10.0			10.0	10.0	10.0
45 sec	10.0	8.4	10.0		1 min: 2.5	10.0	10.0	10.0
50 sec	10.0	9.2	10.0		2 min: 3.5	10.0	10.0	10.0
55 sec	10.0	10.0	10.0		3 min: 4.1	10.0	10.0	10.0
60 sec	10.0	10.0	10.0	10.0	4 min: 4.4	10.0	10.0	10.0
5 min	10.0	10.0	10.0	10.0	5 min: 4.7	10.0	10.0	10.0
10 min	10.0	10.0	10.0	10.0	10 min: 5.2	10.0	10.0	10.0
15 min	10.0	10.0	10.0	10.0	15 min: 5.4	10.0	10.0	10.0

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

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

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