12V	Com	Button	situation	sampling	Ext E2PROM addr#	acquire serial#	recorded data	output data
0	0	-	empty		zero	last		
1	0	X	acquiring data	on	incrementing	incremented 1	serial + data…	serial + data…
0	0	-	holding data		eof			
1	0	X	acquiring data	on	incrementing	incremented 1	serial + data…	serial + data…
0	0	-	holding data		eof			
0	1	0	transfer ready		eof			
0	1	010	transfer data		zeroed, incr'ing, eof		readback	dump (serial + data) …
0	1	0	transfer ready		eof			
0	1	010	transfer data		zeroed, incr'ing, eof		readback	dump (serial + data) …
0	1	0	transfer ready		eof			
0	1	010	transfer data		zeroed, incr'ing, eof		readback	dump (serial + data) …
0	0	-	holding data		eof			
0	1	0	transfer ready		eof			
0	1	5 secs.	erase - empty		zero			"all data erased"
0	1	0	transfer ready		eof			
1	1	X	(D) acquiring data	on	incrementing	incremented 1	serial + data…	serial + data…
0	1	0	transfer ready		eof			
1	1	X	(D) acquiring data	on	incrementing	incremented 1	serial + data…	serial + data…
0	1	0	transfer ready		eof			
0	1	010	transfer data		zeroed, incr'ing, eof		readback	dump (serial + data) …

button ignored when 12V

enable sampling when 12V