



## Burn in system for PWM and analog magnetic sensors



**SENS.It** incorporates in a single instrument the resources to monitors cycles of burn-in of electronic sensors .

### MAIN FEATURES:

- ⊙ Multiple measurements: PWM, frequency and analog
- ⊙ Compact solution
- ⊙ Easy to configure cycle test
- ⊙ Climatic chambers remote drive
- ⊙ Excel or text report with diagrams and log related timestamps

### SYSTEM SPECIFICATION

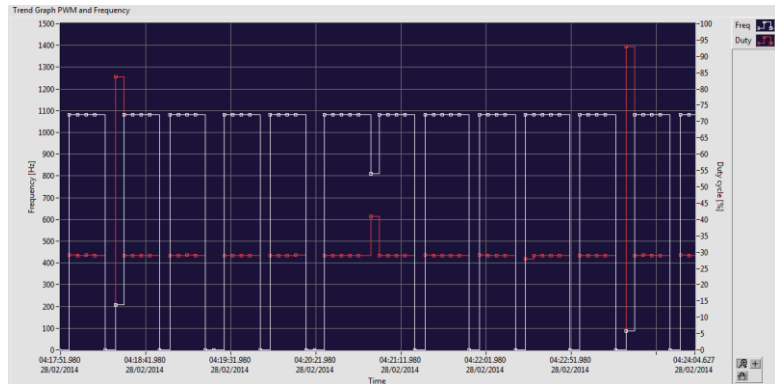
Specification	Description	Note
Frequency Input	56 input channels (PWM)	Range: 5Vdc @50KHz
Analog input	56 analog input channels	Range: $\pm 200$ mV to $\pm 10$ Vdc @5KHz
Dimensions	WxHxD : 430 x 200 x 400 mm	



## FLEXIBILITY AND MODULARITY

**SENS.It** is used to perform long-term tests on electronic components and sensors with analog or PWM output. SENS.It measure simultaneously on 56 channels PWM signal or analog signal by comparing current measurements with the limits set on the user interface. If during the test cycle, one or more sensors exceed the limits of the test measurement is recorded on the report file and displayed on two indicators in the software called "out of range" and "changed".

**SENS.It** has an Ethernet connection, RS-232, RS-485 or USB interface with climatic chambers to operate in fully automatic mode to manage thermal cycling temperature profiles



## APPLICATIONS

- Long term test for R&D and production

**Burn-in test system for clutch PWM sensors**

Today is... 10:53 28/02/2014 NO ERROR SYSTEM READY.

Cycle	
T ON [s]	T Off [s]
300	25
500	50
3600	300
0	0
0	0
0	0
0	0
0	0
0	0

LOAD CYCLE SAVE CYCLE

Number of cycles: 1000

Delta freq. [Hz]: 10 Delta duty [%]: 1 Drift Limits

Channel	F [Hz]	Duty [%]	Feedback Vcc
1	0	0	OFF
2	0	0	OFF
3	0	0	OFF
4	0	0	OFF
5	0	0	OFF
6	0	0	OFF
7	0	0	OFF
8	0	0	OFF
9	0	0	OFF
10	0	0	OFF
11	0	0	OFF
12	0	0	OFF
13	0	0	OFF
14	0	0	OFF
15	0	0	OFF
16	0	0	OFF
17	0	0	OFF
18	0	0	OFF
19	0	0	OFF
20	0	0	OFF
21	0	0	OFF
22	0	0	OFF
23	0	0	OFF
24	0	0	OFF
25	0	0	OFF
26	0	0	OFF
27	0	0	OFF
28	0	0	OFF
29	0	0	OFF
30	0	0	OFF
31	0	0	OFF
32	0	0	OFF
33	0	0	OFF
34	0	0	OFF
35	0	0	OFF
36	0	0	OFF
37	0	0	OFF
38	0	0	OFF
39	0	0	OFF
40	0	0	OFF
41	0	0	OFF
42	0	0	OFF
43	0	0	OFF
44	0	0	OFF
45	0	0	OFF
46	0	0	OFF
47	0	0	OFF
48	0	0	OFF
49	0	0	OFF
50	0	0	OFF
51	0	0	OFF
52	0	0	OFF
53	0	0	OFF
54	0	0	OFF
55	0	0	OFF
56	0	0	OFF

POWER OFF SET REFERENCE VALUES START CYCLE

Log Time [s]: 30 Elapsed Time: 00:00:00 Current Cycle: No cycle in run STOP

## CONFIGURATION AND OPTIONS

Product code	Channels	Description
SENS.It-PWM	56	PWM and frequency measurements on 56 channels
SENS.It-ANA	56	Analog voltage measurements on 56 channels
SENS.It-MIX	28-28	PWM/frequency and analog measurements mixed