



IPETRONIK News August 2010

Dear Sir or Madam,

this newsletter offers you the latest IPETRONIK news. In addition to our innovative products, IPETRONIK also provides professional services from application service over accredited test laboratory to sophisticated development services.

Contact our experts – We do offer target-oriented solutions for your requirements!

We wish you a relaxing summer break.

Best regards from Baden-Baden, Germany

Your IPETRONIK - Team

Electric and Hybrid Vehicle Testing

The automotive world is currently going through major changes! New drive concepts of electric and hybrid vehicles require electrical energy storage with very high voltages. Particular attention must be paid to these new technologies. They require intensive testing for suitability and safety before getting into series production. The new development High Voltage Iso DAQ by IPETRONIK guarantees safety and efficiency in data acquisition of electric and hybrid drives. The 4-channel device acquires voltages up to 1.000 V DC and directly outputs it at the CAN bus.



Please find further information about High Voltage Iso DAQ at:

www.ipetronik.com/system/files/newsletter/PI_HighVoltage_Iso_Daq_en.pdf !

High Voltage Iso Divider

The front-end device for IPETRONIK M-SENS and SIM-SENS modules supports voltage acquisitions in DC circuits of up to 1.000 V. It is certified by the German TÜV (Technische Ueberwachungsgesellschaft) and therefore first choice for acquisitions in electric and hybrid vehicles. Special high-voltage cables and the HV Current Limiter guarantee maximum user protection.



Please find further information about High Voltage Iso Divider at

www.ipetronik.com/system/files/newsletter/TD_HighVoltage_Iso_Divider_en.pdf !

Display M-VIEWvga

The IPEmotion PlugIn IPETRONIK LOG 3.20 offers a further ability to display data: M-VIEWvga. An external VGA monitor is connected with the VGA port of the logger and allows the numeric data visualization. Due to the fact that the VGA interface of most M-LOG port replicators is not lead trough, an optional hardware upgrade kit will be available.

This kit includes the following components/services in addition to the display option:

- modification of the port replicator,
- the standard VGA display,
- the keypad to control data recording and switch between the display windows.

M-VIEWvga provides the following predefined measurement windows:

- signal list of all active channels,
 - 2 signals measurement window including Min, Max and Meanvalue,
 - 4 signals measurement window,
 - Alarm window for limit violation,
 - Status window to report the entries of the log file.
- The keypad offers an easy to use navigation to switch between the the measurement windows.

Please do not hesitate to contact our sales and support team for further information about M-VIEWvga at sales@ipetronik.com or +49 7221 9922-223 .

No.	Name	Value	Unit
1	T1	22.22	°C
2	T2	22.22	°C
3	T3	22.48	°C
4	T4	20.24	°C
Taste STOP gedrückt			
6	Start	11.04.2010 14:17:31	
Aufzeichnung STOP weitermachen			
11	U3	13.68	V
12	U4	13.68	V
13	Speicherplatz	371.00	MB
14	Verbleibende Zeit	12972	s

1	T1	Value	Unit
stand by			
21.61			
Min	20.74	Average	21.40
		Max	22.13
2 T2			
21.70			
Min	21.35	Average	21.95
		Max	22.57

1	T1	Value	Unit
stand by			
30.95			
2 T2			
33.57			
3 T3			
21.00			
4 T4			
27.89			