

MEIRI 2680C-USB2

CONDITIONER - AMPLIFIER

MULTI-FUNCTION & MULTI-CHANNEL

COMPLETELY ANALOG, DIGITAL PROGRAMMABLE



AMPLIFIER - CONDITIONER - CONVERTERS

CE

APPLICATIONS

- ◆ Load
- ◆ Pressure
- ◆ Position
- ◆ Rotation
- ◆ Speed
- ◆ Acceleration
- ◆ Vibration
- ◆ Shock
- ◆ Break
- ◆ Torque and angle
- ◆ Load and displacement
- ◆ Fast displacement
- ◆ Peak measurement
- ◆ High speed peak detector
- ◆ Programmable active filter
- ◆ Addition
- ◆ Subtraction
- ◆ Shock signal measurement
- ◆ Production control
- ◆ Tracer.
- ◆ ...

USB2 output :

- Settings
- Data acquisition
- Universal library DLL functions

Digital system
20MHz processing

- Up to 16 measurement channels.
- 2 lines of 16 characters display.
- Direct display given in physical units: Nm, daN, psi, °C, V, mV, A, mA etc.
- Operational in 4 languages.
- French, English, German, Spanish.
- Amplifiers, conditioners and converters for a large variety of sensors.
- Digital 16 bit tuning of offset and gain.
- Completely analogic signal processing.
- Analogic output per channel.
- Completely compatible to PC acquisition boards.
- Remote control input.
- RS232 configuration: manual/automatic mode.
- Direct RS232 output print (including time and date).

MEIRI 2680C is a high performance analogic and digital conditioner allowing to monitor a large number of different sensors such as: strain gage sensors, LVDT or potentiometric displacement sensors, ICP, high speed peak measurement, frequency measurement, speed, band width, voltage, current, etc ...

MEIRI 2680C offers physical parameters measurement. Integrated programmable filters (for different applications) can filter the measured signals.

All parameters are very easy to configure from the 2680C keyboard and software : Sensitivity, unit of measurement, measurement range, output, RS232 ... 2680C are PC compatible, using USB2 port or RS232C for data transfer. It includes output connectors NI adapted to a large variety of PC acquisition boards.

Equipped with a memory, MEIRI 2680C will save the complete configuration as programmed for a specific set of sensors.



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8 measurement channels 2680c case

CHARACTERISTICS	
LCD display	2 lines of 16 characters
Microprocessor	RISC 20MHz
A/D converter	16 bits
Analogic output	± 10V or 4-20 mA
Input/Output	Parallel connectors Amph/BNC
RS232C output	DB9 female
Main	Schaffner Filter
Power supply	220V ±15% - 50/60Hz - 1A
Fuse	Delayed
Europe case	1/1 ou ¼ ou ½ 19' 3U



4 measurement channels 2680c case

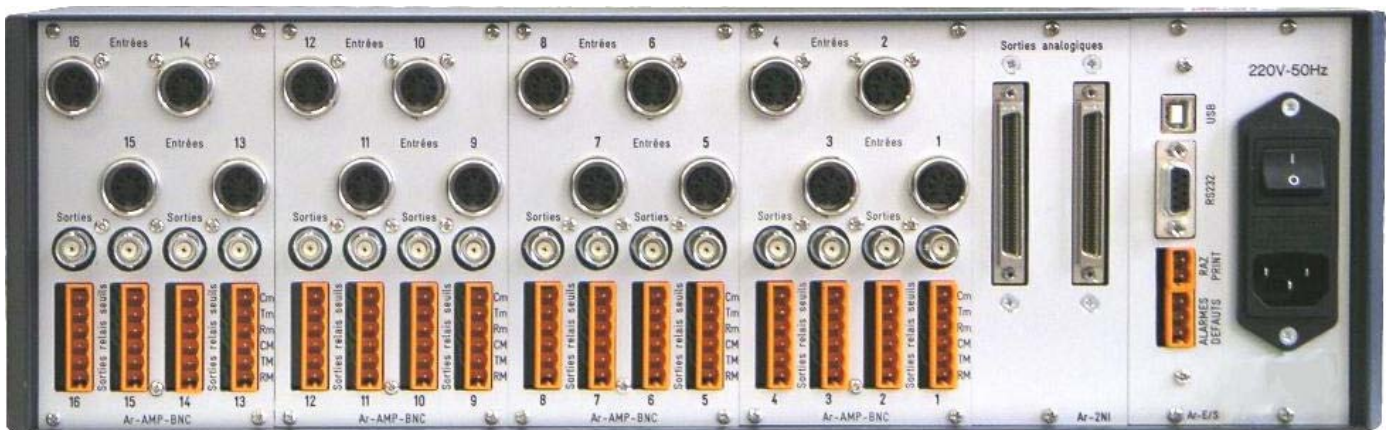
TECHNICAL CHARACTERISTICS		
DIGITAL SECTION		
MICROCONTROLLER	RISC	
Clock	20	MHz
Acquisition frequency	100 KHz Max	According to menu
Analog/Digital converter	16 Bit	Display's converter
Display range frequency for +/- full span	+/- 32768	Points

ANALOG OUTPUTS	
« voltage output » boards	± 10 V
« current output » boards	4-20 mA
Resolution	∞

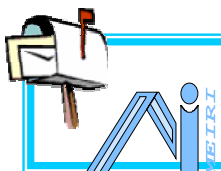
SERIAL PORT RS232	
Function	Transmission
Frequency (Bauds)	2400, 4800, 9600, 19200
bits	7, 8 (1 STOP bit)
Parity	Pair, odd, or no parity
RS232 configuration	According to « setup »

BACK PANEL CONNECTORS		
Reset/ Print	Direct voltage / TTL	Active : High impedance or GND

ALARMS (relays)		
Contacts	On/Off 0,5A	220V Max



The information on this site is subjected to changes by MEIRI without notice



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