

APPLICATIONS

- Adaptation of all types of analog signals from sensors to make them compatible with acquisition system or PLC
- Measuring of electrical and physical signals: force, torque, displacement, acceleration, pressure ...

**DESCRIPTION**

2680C measuring unit is able to condition from 4 to 16 sensors, with totally different sensor on each channel. 2680 control unit allows to set up acquisition channels configurations as gain, zero, offset... by sending digital commands handled through the control panel; or be set up with USB connection through a remote PC to acquire direct data and exploit them into Microsoft Excel for instance (.csv files)

OPTIONS

- Option 2 NI
- Directly compatible with PC acquisition cards
- DLL
- 2 connectors output of 68-pin connectors (compatible with National Instruments Acquisition cards) by 4 channels group, for threshold monitoring, Wago connectors

TECHNICAL FEATURES

Measuring unit 19"/4 3U	1 to 4 measuring channels
Measuring unit 19"/2 3U	1 to 8 measuring channels
Measuring unit 19"3U	Rack mounting: 1 to 19 measuring channels
Display	Backlight LCD screen, 2 lines of 16 characters
Physical unit display	The reading is done in units of physical measurements
Configuration	4 languages drop down menu
Modularity	Adjustable at will, plug-in cards at the front
Compatibility	All ME26XX amplifier-conditioner-converters
Setting up	Digital setting up for displayed physical measuring
Data treatment	Analog treatment from sensor to analog output
Output	Analog $\pm 10V$ per channel
USB link	With dedicated free software to set up (measuring range, unit and sensor measuring...) unit remotely and to acquire data without any acquisition card
Channel configuration	2680C keyboard and PC

Data Acquisition

Acquisition frequency	10 KHz (divided by number of confirmed channels)
Converters	16 bits 100 KHz
Data storage	Real time storage of data into .csv files for non-real time treatment into a spreadsheet
Printing	Direct printing from RS232C port with time stamped data
Supply	Safety supply with 2680C bus monitoring
Output	Default alarming from relay in positive safety
Input supply	84 V to 264VAC 47/63Hz in Schaffner housing
Input / Output	Wago/Wago or Amphenol/BNC connectors

VARIATIONS

- ME 26C AJ Card
- ME 26C LVDT Card
- ME 26C CO Card
- ME 26C FU Card
- ME 26C ST350 Card
- ME 26C RMS Card
- ME 26C U Card
- ME 26C FU_DSR Card
- ME 26 I Card
- ME 26C ST120 Card