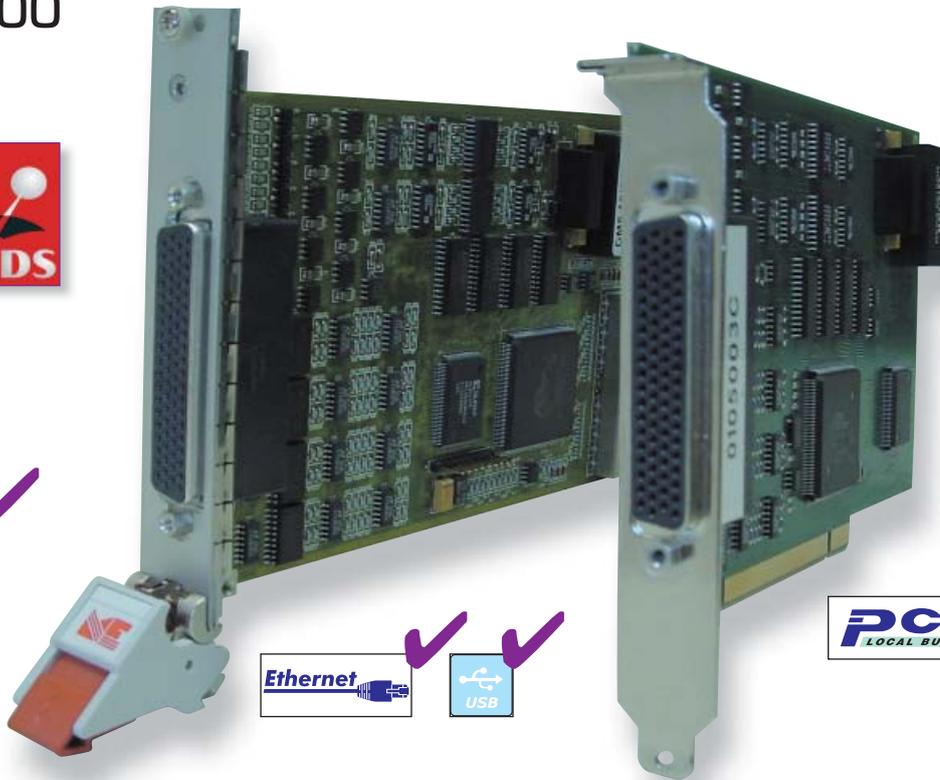


# Analog output board, voltage and current

## ME-1600



- Up to 16 analog voltage outputs on one board.
- Models with a combination of voltage and current outputs.
- Solid quality for industrial applications.
- Short-circuit proof and readjusting.
- Remote adaption to ethernet/LAN, USB, PCI-Express x1 over cable.

This industrial standard D/A board has up to 16 voltage outputs with 12 bit resolution. On the models "UI" 8 of the outputs can also be used for current output with the common ranges of 0...20 mA and 4...20 mA.

### Specifications

Voltage outputs	4, 8, 16
Ranges	0...10 V, ±10 V. Output current total ±32 mA (all channels), ±20 mA max. per channel
Current outputs	Version "UI": 8 of the voltage outputs (selective, in parallel with voltage outputs)
Ranges	0...20 mA, 4...20 mA
D/A conversion	12 bit, quad D/A converter: Settling time -10...+10 V max. 10 µs
Operating modes	Single output (transparent) or simultaneous on the 4 channels related to one converter
Bus interface	PCI or 3 U CompactPCI (compatible with PXI)
Size (mm)	PCI: 174 x 98; CompactPCI: 160 x 100
Connectors	78-pin D-sub female
Software	<b>Included:</b> Driver system ME-IDS. ME-PowerLab <sup>3</sup> for Windows. User manual (PDF - English and German)
Included	Board, CD with software and PDF user manual, D-sub mating plug

### Model overview

(for a list of the available standard models see our website!)

Model	Voltage outputs	Current outputs
ME-1600/4U	4	-
ME-1600/8U	8	-
ME-1600/8U8I	8	All of the 8 channels
ME-1600/16U	16	-
ME-1600/16U8I	16	8 of the 16 channel



More information and accessories:  
[www.meilhaus.com/go/enme-1600](http://www.meilhaus.com/go/enme-1600)