Technical data DE-VR 4008

Memory:
- 4MByte RAM (operating store)
- 128kByte RAM (battery-buffered current process status store)
- 384kByte RAM (battery-buffered treatment program store)
- 512kByte Flash-ROM (configuration store) and 2 MByte EPROM (operating program)
- or 4 MByte Flash-ROM (operating program and configuration store)

Interfaces/Connector:
- COM1 DIN-RS232 to connect an external PLC
- COM2 DIN-RS232 to connect the configuration PC's, process control system or modem
- 1x parallel (centronics) to connect a printer
- 1x interface for PC keyboard (PC-MF2)
- 1x standard-VGA for demig-industry monitor
- Bus-system for: 11 in- or output cards
- power pack: automatical switch from 115V AC to 230V AC
- Profibus-DP-Slave (EN 50 170/DIN 19245 part 1)
  9,6Kbit/s - 12Mbit/s, automatic bitrate-recognition
  EIA RS 485 cabling, DSUB-9-plug connection, electrically isolated
  Max. 244 Bytes entry data, max. 244 Bytes initial data

Mass storage (optional):
- silicon disk (PCMCIA memory card)
- floppy disk-drive 3,5"
- hard disk

Display
- 6,5" - LC-colour display alternative
- 10,4" - LC-colour display with extra-large angle of sight
- standard VGA interface for optional additional monitor
- resolution 640x480 picture points

Operation :
- keypad (to DIN 40050, IP protection 65)
- BCD switch (optional)
- connectable external PC keyboard
- demig process control system prosys/2

Safety :
- internal failure monitoring by using dual thermoelements
- dual safety function by global and local watchdog functions
- power failure monitoring

Installation/Encase:
- ambient temperature 0...+45°C
- relativ humidity 0...90% non-condensing at +40°C and below 3000m
- network tension 230V/115V AC 50Hz)-15%...+10%)
- storing temperature -20...+60°C
- category of excess voltage III
- grade of pollution 2

Einbaumaße:
- controller: 282mm x 137mm x 350mm (BxHxT)

Blendenmaße:
- controller with 6,5 " display: 313mm x 168mm (BxH)
- controller with 10,4 " display: 381mm x 225mm x 38mm (BxHxT)