

MESSTECHNIK VOM SENSOR BIS ZUR AUSWERTUNG

MEASUREMENT TECHNOLOGY FROM SENSOR TO ANALYSIS

SIGNALE UND SENSORIK SIGNALS AND SENSORS

- Spannung
voltage
- Strom
current
- Widerstand
resistance

ANSCHLUSSPANELS CONNECTOR PANELS



- PT100
PT100
- Weg
distance
- Beschleunigung
acceleration
- Thermoelement
thermocouple
- Licht
light
- Magnetfeld
magnetic field
- Kraft, Druck
force, pressure
- Schall
sound
- Strömung
flow

ANALOGUE SENSOREN ANALOG SENSORS



- digitales Signal
digital signal
- digitaler Status
digital state

DIGITALE SENSOREN DIGITAL SENSORS



SIGNALKONDITIONIERUNG SIGNAL CONDITIONING

- Verstärker
amplifier
- galv. Trennung
elec. Isolation
- Filter
filter
- f/U-Wandler
f/U converter
- Gleichrichter
rectifier

MESSVERSTÄRKER MEASUREMENT AMPLIFIERS

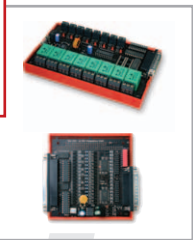
5B Messverstärker 5B amplifiers



Miniaturmessverst. miniature amplifiers



- Relais
rela y
- Optokoppler
optocoupler



MESSDATENERFASSUNG DATA ACQUISITION

- Analog/Digital
- Digital/Analog

MESSSYSTEME MEASURING SYSTEMS

externe Messsysteme external meas. syst.



interne Messsysteme internal meas. syst.

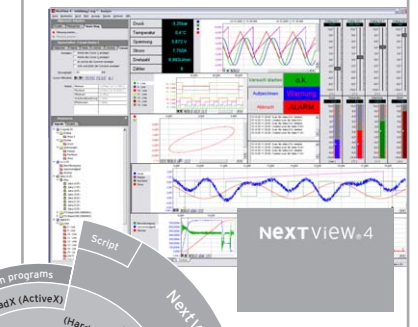


- Digital I/O

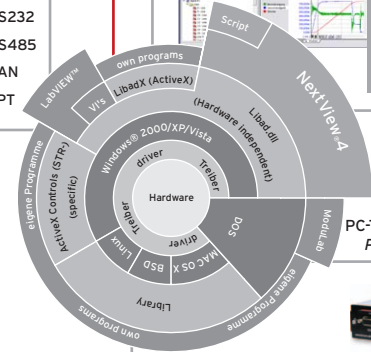


SOFTWARE UND PC-TECHNIK SOFTWARE AND PC

SOFTWARE



- PCI
- USB
- ISA
- PC/104
- LAN
- WLAN
- RS232
- RS485
- CAN
- LPT



PC-TECHNIK PC TECHNOLOGY



automotive PCs



automotive Displays



embedded PCs

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