

Example: Pitchsystem



To turbine operating control

Profibus PC CAN



All fieldbus possible

Grid-connection
1, 2 or 3-phase, 230V_{AC} or 400V_{AC}
• other voltages on request

Power-supply
from 20V to 100V, from 1kW to 18kW
• more outputpower on request



Pitchsystem in most compact design, include PLC
• pitchinverter
• DC/DC-converter

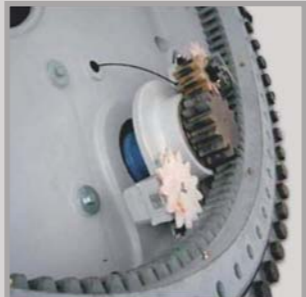


Low-voltage dc-link bus
20V_{DC} to 100V_{DC}

Pitchmotor
• DC, AC or synchronmotor
• integrated thermal sensor
• integrated SSi-multiturn absolute encoder
• electric-fan / brake
• customized options



Additional
limitswitch(es)
• encoder as option
possible



Low-voltage
dc-link bus
20V_{DC} to 100V_{DC}

ATECH low-voltage pitchinverter
from 1kW to 12kW



Powercapacitors
up to 100V / 150F

