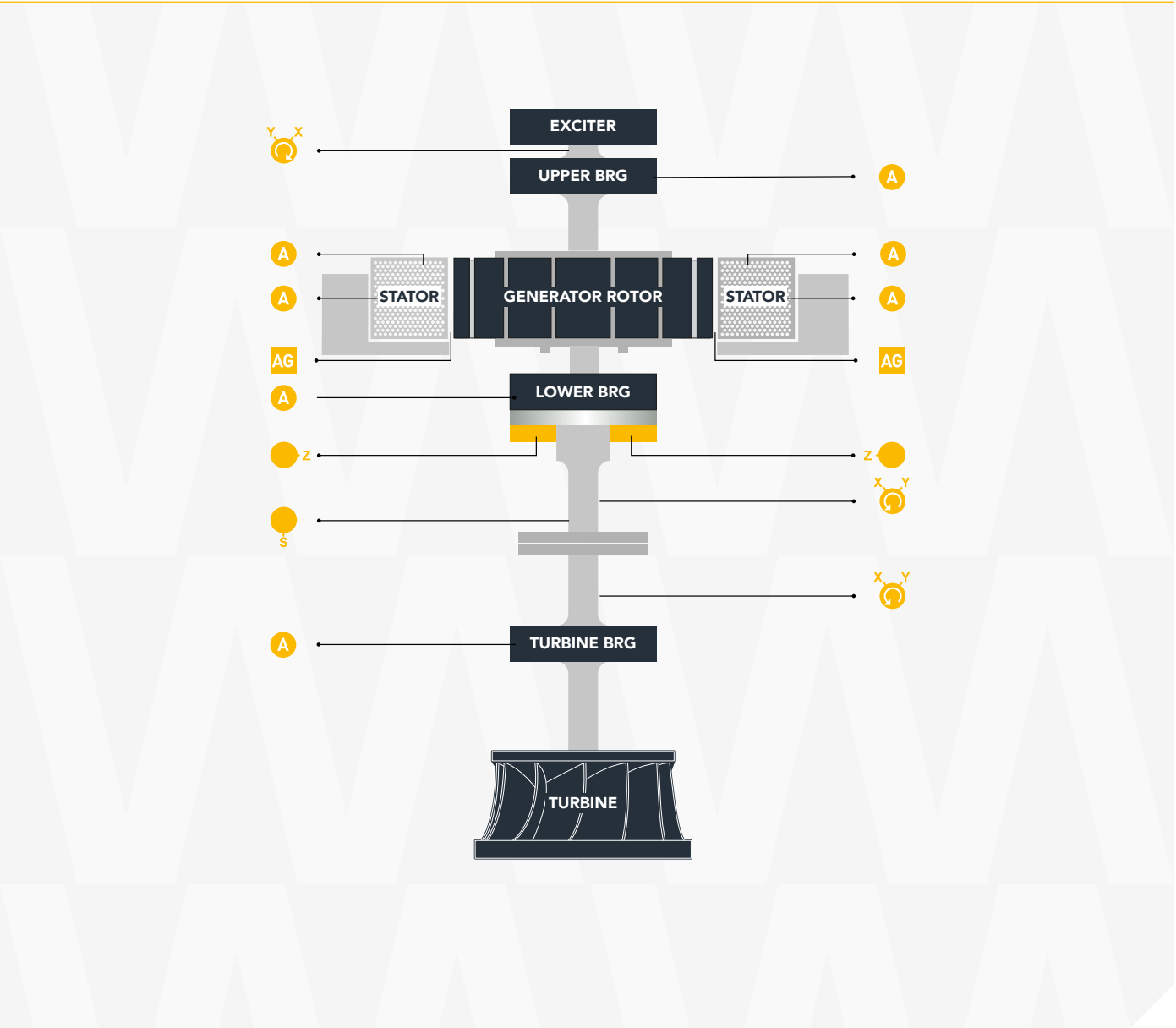


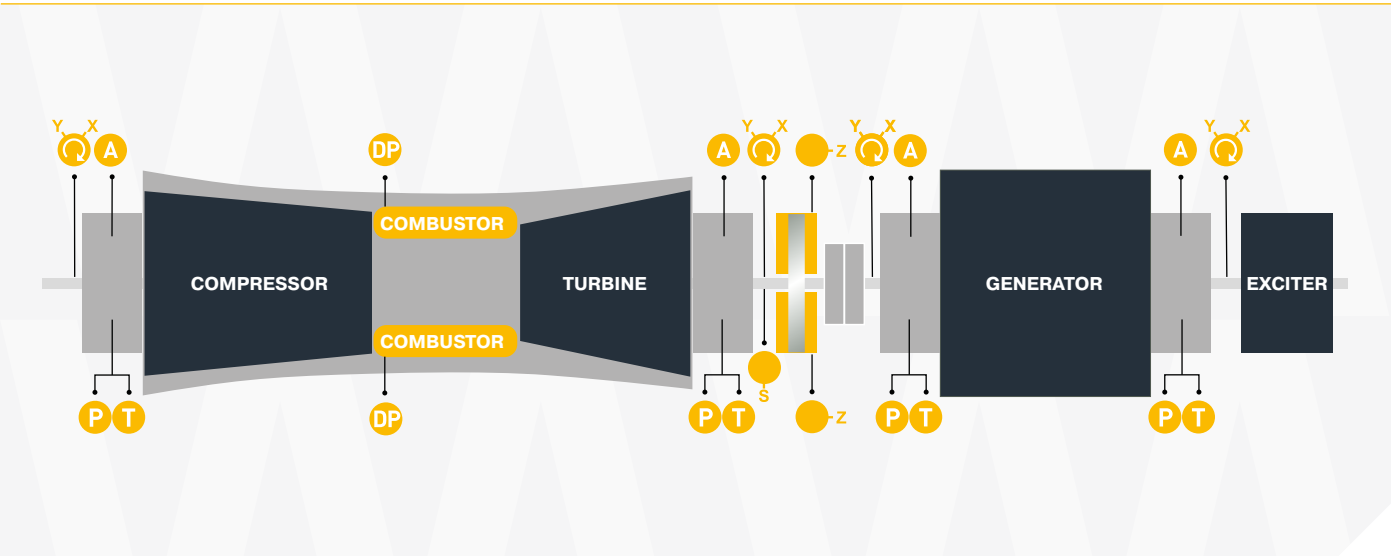
sensors for **critical applications**

HYDRO TURBINE

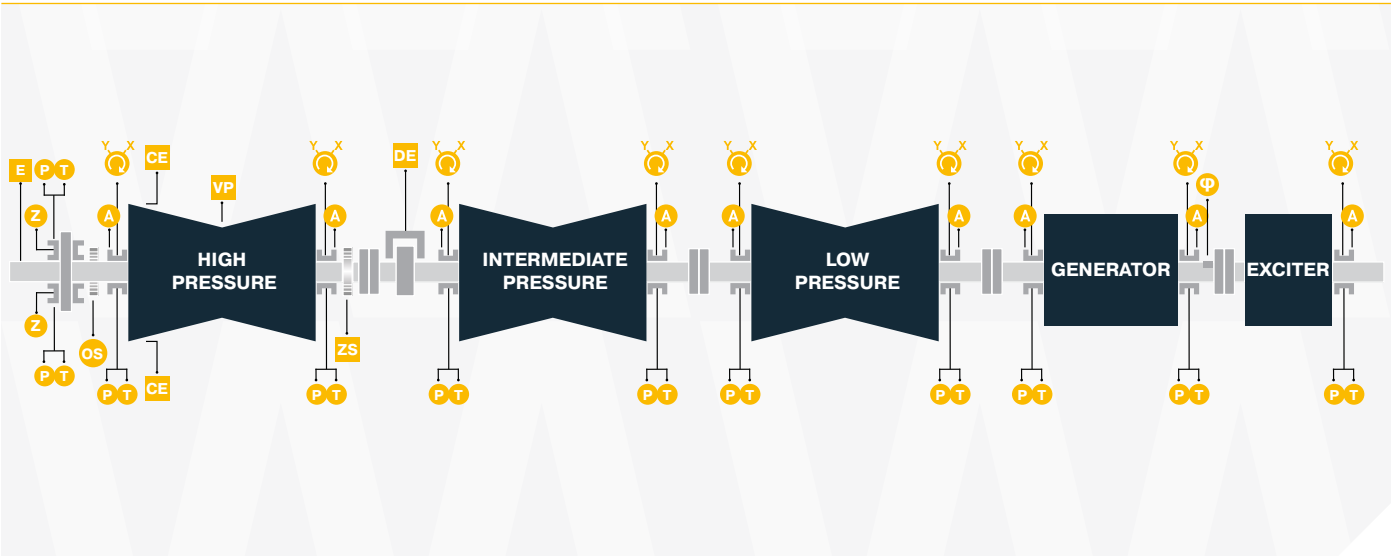


- A Absolute vibration
- AG Air gap
- Y, X Shaft relative vibration [x,y]
- I Thrust bearing
- z Thrust/axial position
- S Speed/phase reference

GAS TURBINE



STEAM TURBINE



- A Absolute vibration
- P Lube oil pressure*
- T Bearing temp
- TSI-specific measurements
- Conventional measurements
- z Thrust/axial position
- Φ Speed/phase reference
- Y, X Shaft relative vibration [x,y]
- I Thrust bearing
- DP Dynamic pressure [combustion chamber]
- OS Overspeed
- ZS Zero speed
- VP Valve position
- T Lube oil temperature *
- E Eccentricity
- DE Differential Expansion
- CE Case Expansion
- S Speed/phase reference

*Although our products do not provide temperature or pressure sensors for lube oil, our monitoring systems can integrate these readings.

