



## Natural gas regulating unit for dual-fuel engines, gas engines and burner

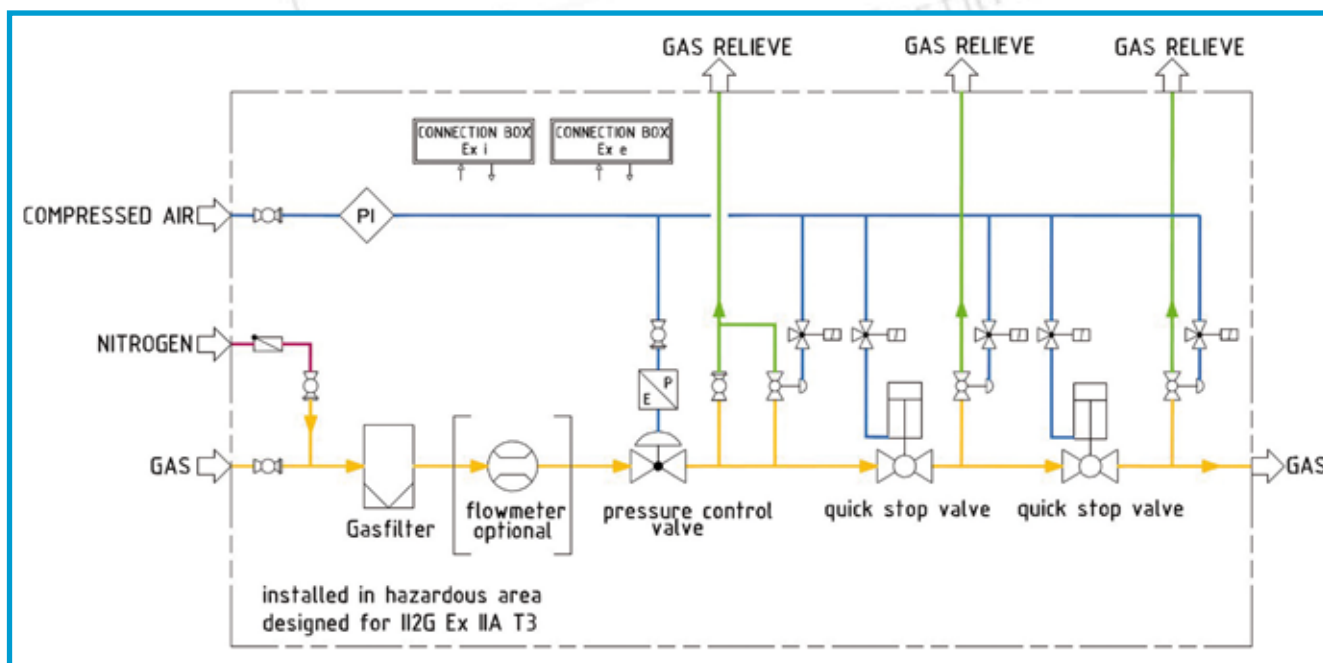


### LNG - an alternative fuel for the future - with GenSys GVU solutions

The gas valve unit (short GVU) is the corresponding expansion of our product range with which we can offer our customers all engine relevant systems from one source for the dual-fuel engine! Already available with classification admittance by DNV and GL.

#### Function of the gas valve unit in connection with the engine:

- ▶ Gas leakage test by engine control system before engine start
- ▶ Control of the pressure of the gas feed into the dual-fuel engine
- ▶ Quick stop of the gas supply at the end of the DF-operation mode
- ▶ Quick stop of the gas supply in case of an emergency stop
- ▶ Purging of the gas distribution system and the feed pipe with air after DF-operation
- ▶ Purging with nitrogen for maintenance reasons



## Natural gas regulating unit for dual-fuel engines, gas engines and burner with seal cover



The GVU with cover enables the installation of the gas control system directly next to the engine or burner in the engine room (safe area). In this case, the cover acts as the double wall and thus provides for a secure enclosure of the gas control system. This will safely prevent the gas from getting into the safe area in the event of a gas leak in the gas control system.

#### Benefits:

- ▶ Space and cost saving
- ▶ Installation close to engine
- ▶ No GVU Room is necessary
- ▶ Vertical or horizontal design/ installation possible
- ▶ Smaller hazardous areas

