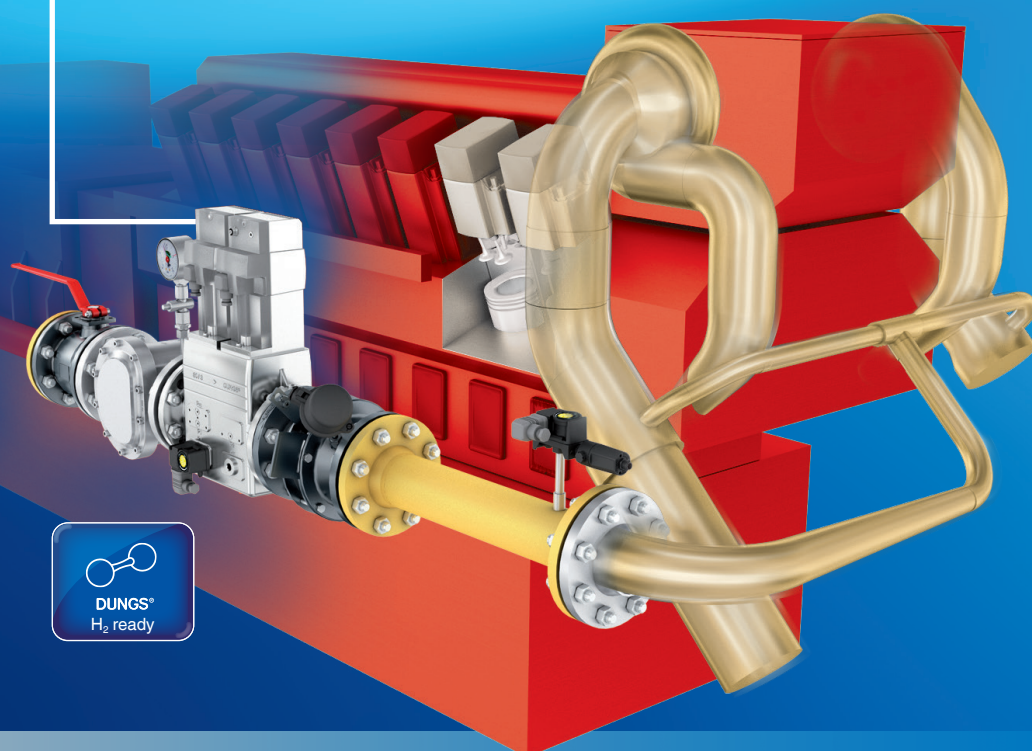




Valve Proving Module VPM-VC 24 VDC

Control unit for system leakage test



Valve Proving Module (Valve Check) VPM-VC 24 VDC

Control unit for system leakage test



Description

The valve test module VPM-VC 24 VDC according to EN 1643 for system leak-tightness tests checks the tightness of the gas shut-off valves in combination with one or two gas pressure switches. The program sequence, filling / venting variants, and program times can be adjusted by the user according to the system requirements.

Application

The VPM-VC 24 VDC is suitable for the automatic leak-tightness tests between two solenoid valves in gas-consuming devices, either before start-up or after the system is switched off. The test system can be used as a single leakage tester or in combination with suitable control systems, e.g., PLC controls or automatic burner control systems. It is used in gas burner systems and gas engines.

Approvals

EU type-examination certificate according to:

- EU Gas Appliances Regulation
- EU Pressure Equipment Directive

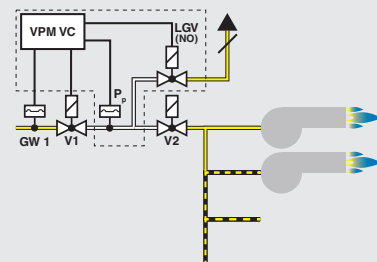
The VPM meets the requirements of:

- Machinery Ordinance (EU) 2023/1230
- Low Voltage Directive 2014/35/EU
- EMC 2014/30/EU

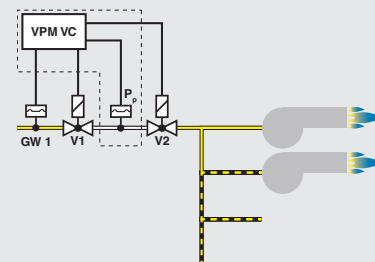
Approvals in other important gas-consuming countries: EAC, EURO-Tysk, AGA, UKCA, UL

Application examples

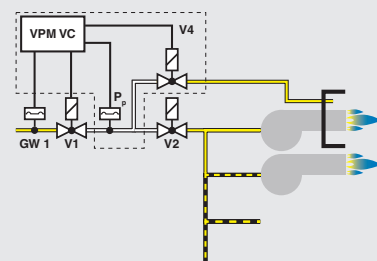
Direct valve control with LGV Venting via roof



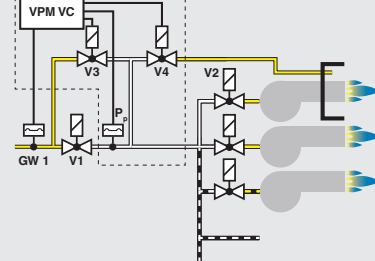
Direct valve control



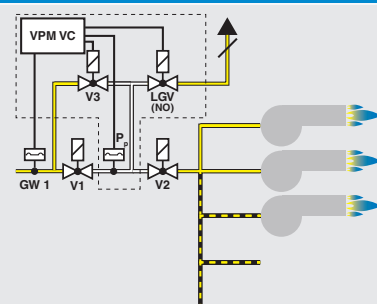
Direct valve control with auxiliary valve V4 Venting into combustion chamber



Valve check involving auxiliary valves V3, V4 Venting into combustion chamber



Valve check involving auxiliary valves V3, LGV Venting via roof



Universally applicable*:

- Gas families I, II and III
- Biogases, aggressive gases
- Hydrogen
- Protection class IP 54
- Pressure-independent
- Control pressure switches

*dependent on the used valves and pressure switches.



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LGV Vent valve
V1, V2 Safety shut-off valve
V3, V4 Auxiliary valves
GW1 Pressure switch
P_p Test pressure switch