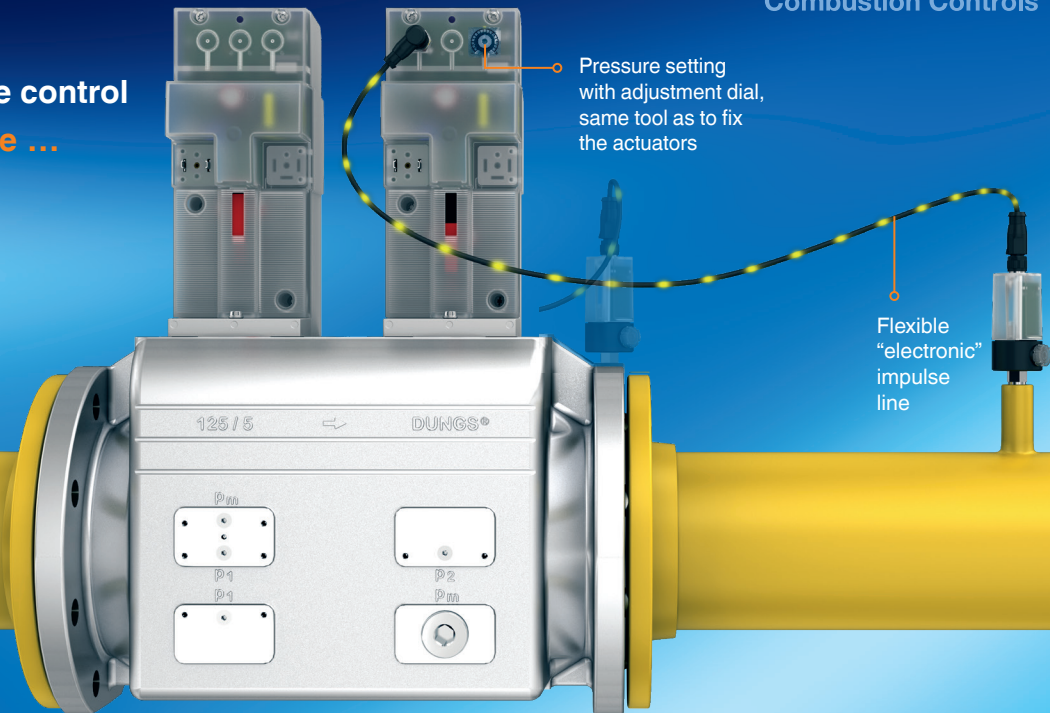


Intelligent pressure control
Getting things done ...



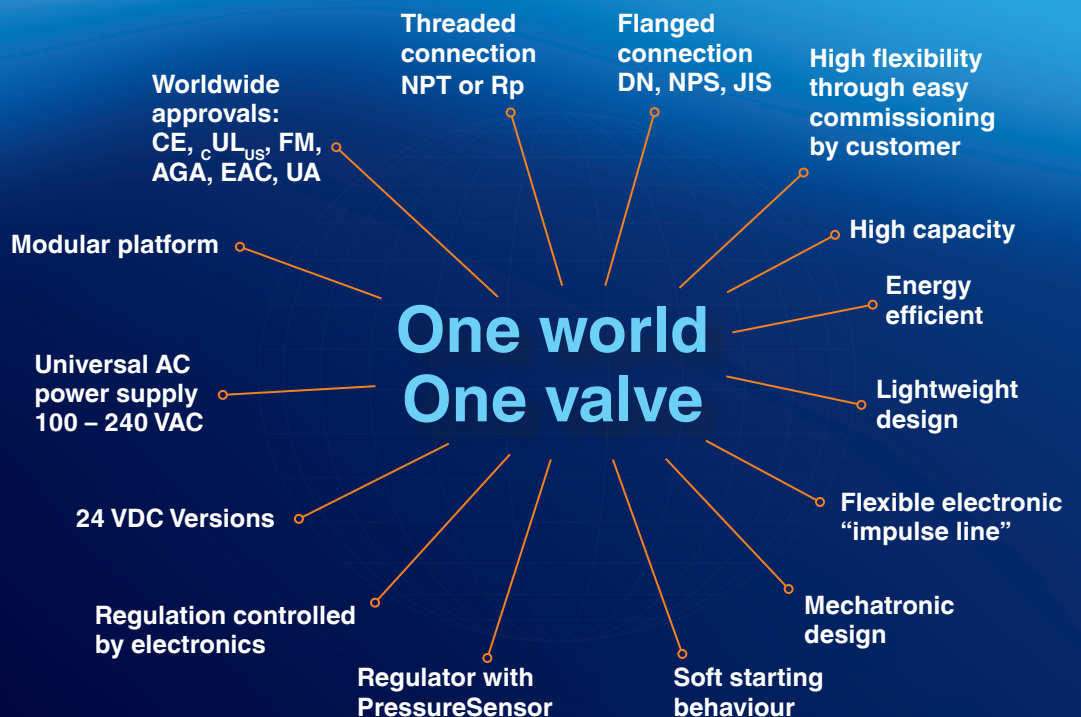
DESIGN **PLUS**

MBE Pressure Control

- Temperature compensated electronic pressure regulation
- Adaptive digital control algorithm
- Not affected by ageing
- Excellent repeatability
- Smooth pressure increase during startup
- No internal nozzles, greater tolerance to contamination

PressureSensor PS

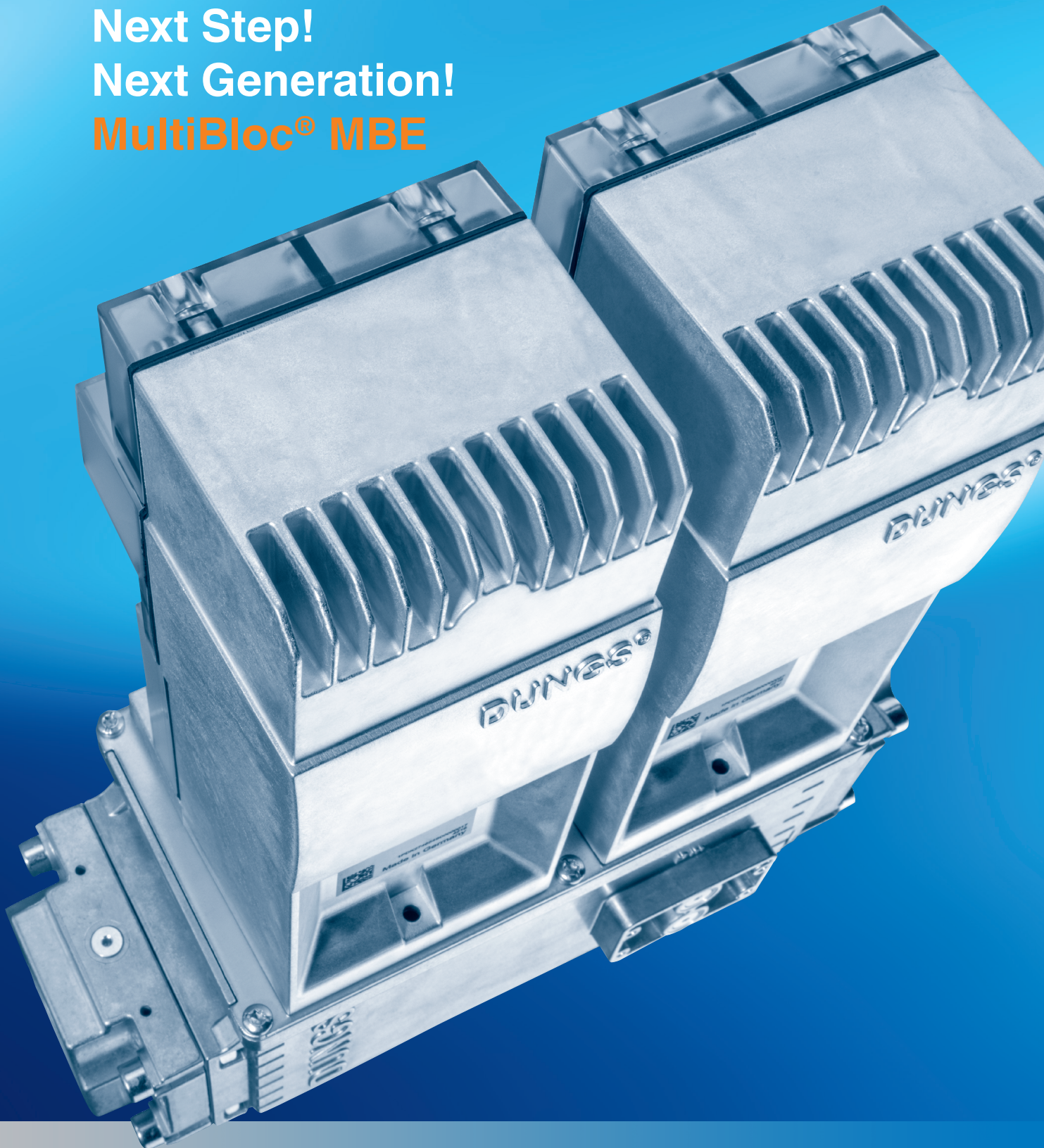
- VD-R and PS according to EN 88-3
- Outlet pressure limitation by min./max. pressure switches according to local application requirements



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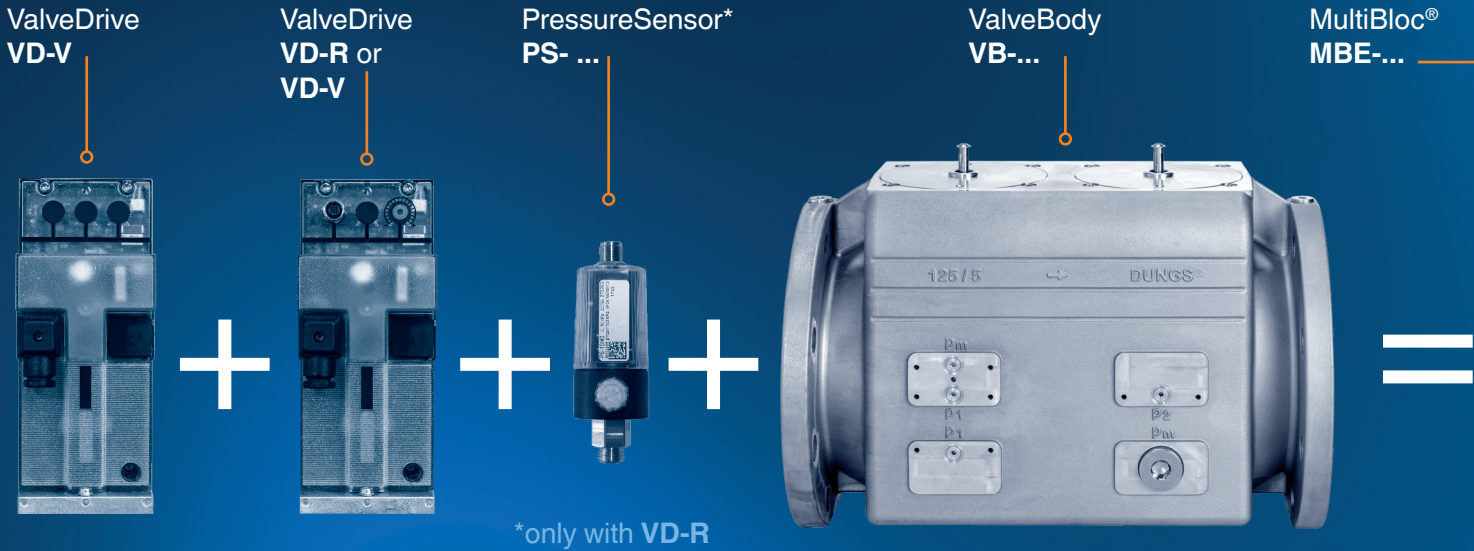


Next Step!
Next Generation!
MultiBloc® MBE



MultiBloc® MBE Generation “E”


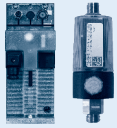
Construction kit: ValveDrive + ValveBody = MBE



MultiBloc® PressureSensor

PS ...	Range
PS-50/200	2 – 50 kPa 20 – 500 mbar 8 – 200" w.c.
PS-10/40	0,4 – 10 kPa 4 – 100 mbar 1.5 – 40" w.c.
PS-0 zero governor	0 ± 0,5 kPa 0 ± 5 mbar 0 ± 2" w.c.

ValveDrive VD Energy efficient and Soft start/Fast shut-off < 1s

ValveDrive VD-...	
VD-V 	Safety shut-off valve works with every burner.
VD-R 	Safety shut-off valve with integrated pressure regulator, works with every burner control. PressureSensor PS mandatory.

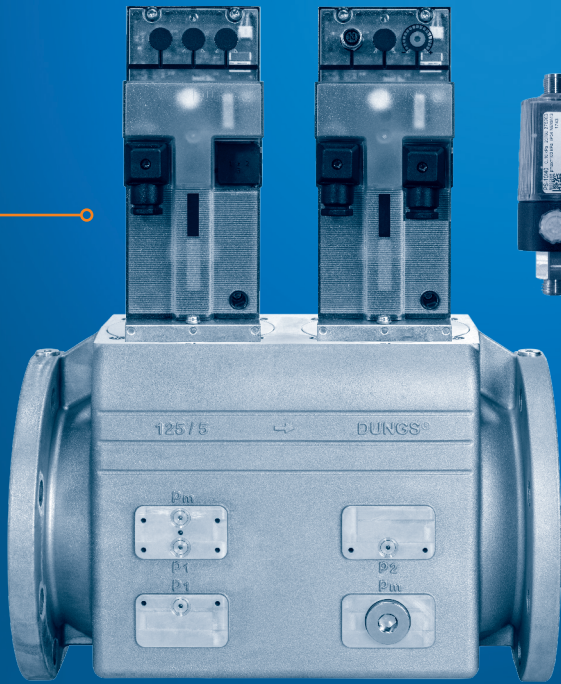
MultiBloc® Generation E

VB-...	Thread Flange	p _{max.}
VB-050/2	Rp 1½ Rp 2 NPT 1½ NPT 2	60 kPa 600 mbar 8 PSI
VB-065/2.5	DN 65 NPS 2½	70 kPa 700 mbar 10 PSI
VB-080/3	DN 80 NPS 3	
VB-100/4	DN 100 NPS 4	
VB-125/5	DN 125 NPS 5	
VB-150/6	DN 150 NPS 6	

ValveDrive VD Features

ValveDrive VD-...	
Status LED	Blue LED indicates the energized actuator.
Visual Indicator	Red flag, visible when opening/regulating
Proof of closure (POC) switch	All VDs are available with and without POC function.
Electrical connection	EN 175301-803 plug-connector. Space requirements of oversized connectors are considered.
Degree of protection	IP 55





Standard M12,
5 pin connector

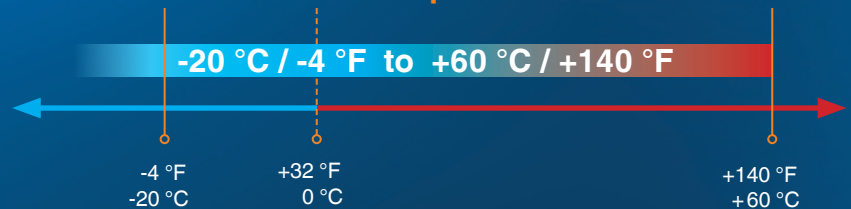
Fixed opening time

- No temperature impact to regulation
- Electronic controlled behaviour across the whole temperature range

Wide operating temperature range

- Applicable at very low ambient temperatures
- No impact to functional behaviour (e.g. pressure control)

Works at low temperatures



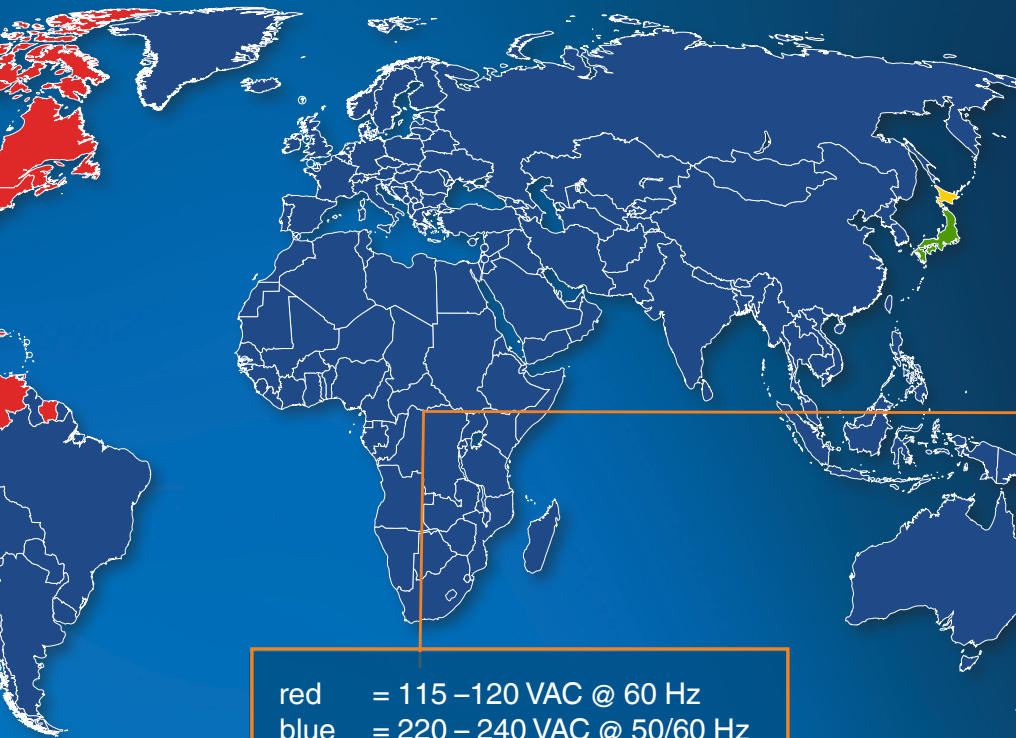
ValveDrive VD

**Universal power supply:
100 – 240 VAC @ 50/60 Hz**

24 VDC Versions

Robust Design

- No regulator spring
- No membrane
- No nozzles
- No oil



Fits everywhere ...

red = 115 – 120 VAC @ 60 Hz
 blue = 220 – 240 VAC @ 50/60 Hz
 green = 100 VAC / 50 Hz
 yellow = 200 VAC / 50 Hz