

Solenoid impulse dosing valve

EMD06-GA-25/24



- Use/application:** Dosing and safety shut-off valve for gaseous fuels, preferably used as burner group valve
- Nominal capacity:** 1000 kW / 100 Nm³/h natural gas
- Special feature:** Heavy-duty valve with extremely long lifetime of up to 500,000,000 switching cycles; pulse frequency up to 400 pulses/min. and low electrical auxiliary energy (40 W). EC type-tested and inspected as automatic safety shut-off valve class A according to EN161 for gaseous fuels (on examination phase). With an operation pressure of up to 3 bar (up to 4 bar in preparation) this pulse dosing and safety shut-off valve is particularly suitable for operation with hydrogen.
- Fuel:** Natural gas, butane gas, propane gas, hydrogen
- Max. ambient temperature:** -20 – +80 °C
- Working pressure:** Up to 3 bar (4 bar in preparation)
- Connection size:** BSP 1" FT (input and output)
- Material:** Aluminium / bronze / steel
- Dimensions:** Ø 120 x 178 mm
- Lifetime:** 500,000,000 cycles
- Min. pulse length:** 100 ms
- Operation voltage:** 24 VDC impulse/continuously
- Electric power:** 40 W
- E-connection:** DIN plug device, angulate
- Protection Class:** IP54

