

Solenoid impulse dosing valve

EMD98-OE-10/24-V1

| | |
|----------------------------------|---|
| Use/application: | Dosing and safety shut-off valve for liquid fuels. |
| Nominal capacity: | 0 – 45 liters/h fuel oil (depending on burner nozzle, oil pressure, viscosity and pulse control) |
| Special feature: | Heavy-duty valve with extremely long lifetime of up to 500,000,000 switching cycles; pulse frequency up to 400 pulses/min. EU type examination as automatic safety shut-off valve for liquid fuels in accordance with the Pressure Equipment Directive. |
| Fuel: | Diesel oil, medium oil, heavy fuel oil, all non-aggressive oils |
| Max. medium temperature: | 130 °C |
| Max. ambient temperature: | 60 °C / 100 °C (with / without medium) |
| Öl filter mash: | 0,2 mm |
| Working pressure: | 30 bar (up to 40 bar at max. Un = 24 VDC) |
| Connection size: | BSP 3/8" FT |
| Material: | Cast iron / steel |
| Dimensions: | Ø 80 mm x 215 mm |
| Lifetime: | 500,000,000 cycles |
| Min. pulse length: | 50 ms |
| Operation voltage: | 21 – 24 VDC |
| Electric power: | 15 – 40 W depending on the pulse length |
| E-connection: | PG9 |
| Protection Class: | IP52 |

