

## Technical datasheet

### OTS.HP-Intelligent Valve Controller. EXD

#### Introduction

The unit is suitable for on-line pressurized pulsed flushing applications in static hydraulic systems with high pressure (up to 400 bar). An example of these systems could be, but not limited to, wellhead hydraulic control systems, ESDV (Emergency Shut Down Valve systems) and hydraulic choke systems.

Flushing on-line means that all static hydraulic systems can be cleaned by turbulent flow with a Reynolds number  $> 3000$ , without shutting down the hydraulic system, avoiding any production loss caused by the oil flushing. This is an essential advantage compared to conventional oil flushing procedures.

The unit is controlled by a 230 V exd solenoid valve and therefore, also suitable for use in Zone 2 areas.

A patent is applied for the system described above.

ATEX marking:  II 2 G IIB T4 / ZONE 2

OTS item number.: 9000-021



#### Features

- Differential pressure monitoring.
- Stainless SS316 steel filter housing.
- Articulated wheels mounted for site mobility.
- Independent of site services.
- Drain port in the bottom of the filter housing.

#### Capacity & performance

Flow capacity	0-1000 l/min.
Max pressure	10 bar
Filter element	10 $\mu$ B 200
Filter length	40"

#### Safety features

- Strong protective stainless SS316 steel framework.
- Stainless SS316 steel drip tray fitted as standard.
- Gauges for pressure control.

#### Weight & dimensions

Length	500 mm
Width	1000 mm
Height	1750 mm
Gross weight	80 kg