

Technical datasheet

OTS.LP-Intelligent Valve Controller. EXD


Introduction

The unit is suitable for use at On-line pressurized pulsed flushing application in static hydraulic systems with medium pressure (up to 110 bar). An example of these systems can be, but not limited to, Wellhead hydraulic control systems, ESDV (Emergency Shut Down Valve system) and hydraulic choke systems.

By flushing On-line means that all static hydraulic systems can be cleaned out by turbulence flow with a Reynolds figure > 3000, without shut down the hydraulic system and therefore avoid any production loses caused by oilflushing. This is an essential advantage compare with conventional oilflushing procedure.

The unit is controlled by a 4-20 mA EEx loop calibrator and an air-operated actuator and therefore, also suitable to use in Zone II areas.

A patent has been applied for the system described above.

ATEX marking:  II 3 G IIB T3 / ZONE 2
OTS serial number: 9000-132.1



Features

- Weatherproof SS316 material
- SS316 strong protective frames
- Drip trays fitted as standard
- Articulated wheels mounted for site mobility
- Variable pressure options

Specifications

Power supply	230V, 50Hz, 16A
Max. working pressure	110 bar
Max temp.	75°C
Filter Capacity	3 mic. β 200

Approvals

- Zone II area classification
- The unit has been tested and is quarantined to be strict accordance with all specifications forming.
- Performance test has been carried out accordance with the requirements

Weight & dimensions

Length	800 mm
Width	640 mm
Height	750 mm
Weight	108 Kg