

INSULATION SYSTEM ExPINCH

The Insulation System ExPinch is capable of isolating an explosion inside an equipment or container.

The system needs to perform continuous monitoring of static and/or dynamic pressure sensors, that sends a signal to the line controller, activating a solenoid valve that releases the compressed air in a boiler which causes the immediate closure of the inner rubber sleeve.

The ExPinch valve is actuated with a solenoid and gets fully closed within a few milliseconds to ensure isolation from the rest of the firing units.



Characteristic parameters
Possibility of controlling up to 4 valves.
Functional testing of the valve.
Manual reset immediately.
From DN50 to DN200.
Protection for St2.

Technical Features

Maximum Values	
Main Supply	230 V.A.C -10% at +15%
Secondary Supply	24 V.D.C -10% at +15%
Operating voltage	24 V.D.C
Output Voltage	24 V.D.C max. 2A
Time battery power	1A min. 4 hours
Current operating	200 mA
Weight controller	30 Kg
Weight Valve	3.40 Kg - 22.80 Kg (According to model)
Valves dimensions (diameter D)	DN50, DN65, DN80, DN100, DN125, DN150, DN200
Material valve	Aluminum
Material Sleeve	Rubber / Food Rubber
Installation distances DN50-DN100	Between 4m and 5m
Installation distances DN150-DN200	Between 8m and 9m
Marking ATEX	ExD ExII2D;ExII3D
Certificate	LOM 14ATEX7089X