



UltraAirPump

PRESSURE SWITCH KIT

UPHC, diaphragm pressure switch kit for high pressure, up to 600bar

Series: Accessories

Product line: UP Series, UPHC model, pneumohydraulic pumps, industrial tools, clamping systems, actuators, complex hydraulic systems, automations

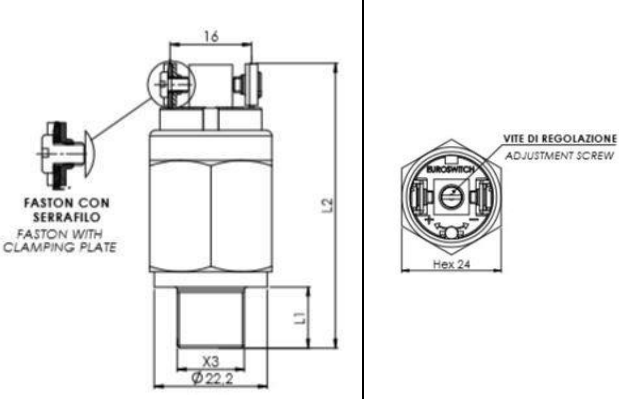
- Pressure switch kit complete with protection cap
- Max safety pressure 600bar
- Adjusting screw
- Body in galvanized steel

Description:

In the industrial and automotive applications it is frequently required that a previously set pressure value is transformed into an electrical signal, used to start the machine cycle or to signal a certain condition. (eg. system leaks, alarms, etc.). Such operations are generally managed by components, calibrated according to the application, which are called pressure switches.

The calibration is made through with an adjustment screw which, acting on a spring, defines its load. This spring is opposed to the pressure exerted by the fluid on the diaphragm, allowing the closing (or opening) of the electrical contact only when the calibration pressure is reached.

Technical features:

Body	Galvanized steel	
Electric contacts	Silver AgNi (gold plated on request)	
Electrical condition	N.A. (bordeaux)	
Max switched voltage	48 V ac/dc (250V on request)	
Max switched current	0.5A (2A on request)	
Max fluid temperature	80° a 120°C depending on diaphragm	
Max Overpressure limit	600 bar	
Max Working pressure	300 bar	
Action type	1B	
Protection	IP 00	
Weight	~ 70 g	

To order:

830150620 KIT PRESSURE SWITCH UPHC

