YOUR SYSTEMS
UNDER
CONTROL

www.fox.it

ADJUSTABLE PRESSURE SWITCH FX5

The **"FX5"** pressure switch allows the regulation of two alarm thresholds. This pressure switch is provided with a serial port allowing the communication with a computer. Through the serial connection is it possible to entirely control the pressure switch with a dedicated software, whereby the operator can set from pc two alarm thresholds with adjustable hysteresis, change each output contacts into NO or NC depending on the application, adjust the hysteresis independently and display the value pattern of pressure in real time on the screen. The access system with password also ensures the maximum safety from unexpected changes of the operating parameters. Through holes allow the mounting in every position and with Cetop flange. Once setup is done, the protection cap allows the isolation of the serial port from external agents.

Serial port for PC connection with protection cap

HOLE 5,2mm

31

31

¼" BSP connection / or Cetop

General
Assembly in every position through ¼"BSP threaded connection (+OR2056) or Cetop flanged 31x31-Hole 5,2mm (adapters not needed)

Features
Working temperature: -20°C to +80°C
Switching frequency: 200 cycles/min
Switching accuracy: 1% of full scale (at 20°C)
Range of the adjustment: 1% to 100% of scale
Hysteresis value: adjustable over the whole scale
Mechanical life: 10×10^6 cycles at 20°C
Weight: 0,26 kg

Materials

Body: square body 40x40 in anodized aluminium
Wetted parts: stainless steel AISI316L
Sensor : ceramic
Seal : NBR standard

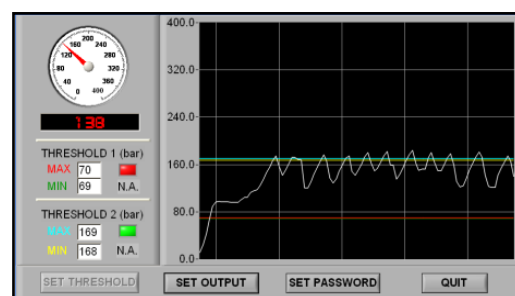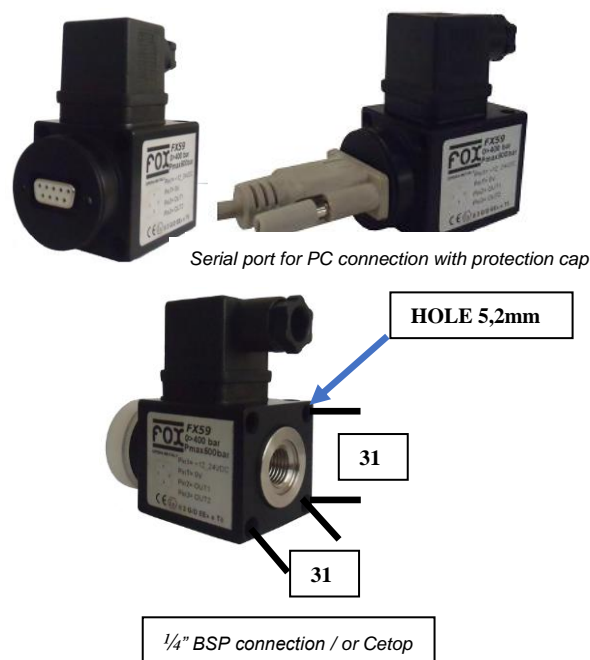*Software for setup*

Electric features
Power supply: 12 ÷ 24 VDC
Electric connection M3 – M12
Electric protection according to CEI EN 60529 : IP65
Maximum load: 0,5 A
Medium consumption: <50 mA
Interference emission and immunity according to EN 61.326

Pre-settings on customer's request
first alarm threshold *P1 max / P1 min*
second alarm threshold *P2 max / P2 min*

Electric connections	M3	M12
Power supply	12÷24 VDC	12÷24 VDC
Power supply +	Pin 1	Pin 1
GND	Pin T	Pin 3
Output 1	Pin 3	Pin 2
Output 2	Pin 2	Pin 4

Model	FX50.1	FX50	FX51	FX52	FX53	FX54	FX55	FX59
Range	0÷2	0÷5	0÷10	0÷20	0÷50	0÷100	0÷200	0÷400
P max	7,5	12	25	50	120	250	500	600

CE